

# CSS3

## CSS

2019. Retrieved 2 January 2019. "CSS"; Can I Use... Support tables for HTML5, CSS3, etc. Archived from the original on 2018-02-19. Retrieved 2019-01-26. "CSS"; - Cascading Style Sheets (CSS) is a style sheet language used for specifying the presentation and styling of a document written in a markup language such as HTML or XML (including XML dialects such as SVG, MathML or XHTML). CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

CSS is designed to enable the separation of content and presentation, including layout, colors, and fonts. This separation can improve content accessibility, since the content can be written without concern for its presentation; provide more flexibility and control in the specification of presentation characteristics; enable multiple web pages to share formatting by specifying the relevant CSS in a separate .css file, which reduces complexity and repetition in the structural content; and enable the .css file to be cached to improve the page load speed between the pages that share the file and its formatting.

Separation of formatting and content also makes it feasible to present the same markup page in different styles for different rendering methods, such as on-screen, in print, by voice (via speech-based browser or screen reader), and on Braille-based tactile devices. CSS also has rules for alternative formatting if the content is accessed on a mobile device.

The name cascading comes from the specified priority scheme to determine which declaration applies if more than one declaration of a property match a particular element. This cascading priority scheme is predictable.

The CSS specifications are maintained by the World Wide Web Consortium (W3C). Internet media type (MIME type) text/css is registered for use with CSS by RFC 2318 (March 1998). The W3C operates a free CSS validation service for CSS documents.

In addition to HTML, other markup languages support the use of CSS including XHTML, plain XML, SVG, and XUL. CSS is also used in the GTK widget toolkit.

## CSS3 (disambiguation)

CSS3 is an abbreviation for Cascading Style Sheets, level 3, a declarative stylesheet language for structured documents. CSS3 may also mean: CSS3, the - CSS3 is an abbreviation for Cascading Style Sheets, level 3, a declarative stylesheet language for structured documents.

CSS3 may also mean:

CSS3, the ICAO airport code for Montréal/Les Cèdres Airport

CSS-3 (also known as the Dong Feng 4 or DF-4), a land-based ballistic medium-range missile of the People's Republic of China

## Responsive web design

using techniques such as fluid proportion-based grids, flexible images, and CSS3 media queries, an extension of the @media rule, in the following ways: The - Responsive web design (RWD) or responsive design is an approach to web design that aims to make web pages render well on a variety of devices and window or screen sizes from minimum to maximum display size to ensure usability and satisfaction.

A responsive design adapts the web-page layout to the viewing environment by using techniques such as fluid proportion-based grids, flexible images, and CSS3 media queries, an extension of the @media rule, in the following ways:

The fluid grid concept calls for page element sizing to be in relative units like percentages, rather than absolute units like pixels or points.

Flexible images are also sized in relative units, so as to prevent them from displaying outside their containing element.

Media queries allow the page to use different CSS style rules based on characteristics of the device the site is being displayed on, e.g. width of the rendering surface (browser window width or physical display size).

Responsive layouts automatically adjust and adapt to any device screen size, whether it is a desktop, a laptop, a tablet, or a mobile phone.

Responsive web design became more important as users of mobile devices came to account for the majority of website visitors. In 2015, for instance, Google announced Mobilegeddon and started to boost the page ranking of mobile-friendly sites when searching from a mobile device.

Responsive web design is an example of user interface plasticity.

## Web colors

of merging specifications from HTML 4.01, CSS 2.0, SVG 1.0 and CSS3 User Interfaces (CSS3 UI). Several colors are defined by web browsers. A particular - Web colors are colors used in displaying web pages on the World Wide Web; they can be described by way of three methods: a color may be specified as an RGB triplet, in hexadecimal format (a hex triplet) or according to its common English name in some cases. A color tool or other graphics software is often used to generate color values. In some uses, hexadecimal color codes are specified with notation using a leading number sign (#). A color is specified according to the intensity of its red, green and blue components, each represented by eight bits. Thus, there are 24 bits used to specify a web color within the sRGB gamut, and 16,777,216 colors that may be so specified.

Colors outside the sRGB gamut can be specified in Cascading Style Sheets by making one or more of the red, green and blue components negative or greater than 100%, so the color space is theoretically an unbounded extrapolation of sRGB similar to scRGB. Specifying a non-sRGB color this way requires the RGB() function call. It is impossible with the hexadecimal syntax (and thus impossible in legacy HTML documents that do not use CSS).

The first versions of Mosaic and Netscape Navigator used the X11 color names as the basis for their color lists, as both started as X Window System applications.

Web colors have an unambiguous colorimetric definition, sRGB, which relates the chromaticities of a particular phosphor set, a given transfer curve, adaptive whitepoint, and viewing conditions. These have been chosen to be similar to many real-world monitors and viewing conditions, to allow rendering to be fairly close to the specified values even without color management. User agents vary in the fidelity with which they represent the specified colors. More advanced user agents use color management to provide better color fidelity; this is particularly important for Web-to-print applications.

## Kindle File Format

originally had the filename extension .azw; version 8 (KF8) introduced HTML5 & CSS3 features and had the .azw3 extension; and version 10 introduced a new typesetting - Kindle File Format is a proprietary e-book file format created by Amazon.com that can be downloaded and read on devices like smartphones, tablets, computers, or e-readers that have Amazon's Kindle app. E-book files in the Kindle File Format originally had the filename extension .azw; version 8 (KF8) introduced HTML5 & CSS3 features and had the .azw3 extension; and version 10 introduced a new typesetting and layout engine featuring hyphens, kerning and ligatures and has the .kfx extension.

## Web design

Internet Explorer. The W3C has released new standards for HTML (HTML5) and CSS (CSS3), as well as new JavaScript APIs, each as a new but individual standard.[when - Web design encompasses many different skills and disciplines in the production and maintenance of websites. The different areas of web design include web graphic design; user interface design (UI design); authoring, including standardised code and proprietary software; user experience design (UX design); and search engine optimization. Often many individuals will work in teams covering different aspects of the design process, although some designers will cover them all. The term "web design" is normally used to describe the design process relating to the front-end (client side) design of a website including writing markup. Web design partially overlaps web engineering in the broader scope of web development. Web designers are expected to have an awareness of usability and be up to date with web accessibility guidelines.

## Internet Explorer 10

Explorer 10 Platform Preview 1 supports CSS3 grid layout, CSS3 flexible box layout, CSS3 multi-column layout, CSS3 gradient, and full hardware acceleration - Internet Explorer 10 (IE10) is the tenth version of the Internet Explorer web browser and the successor to Internet Explorer 9, released by Microsoft on September 4, 2012. It is the default browser on Windows 8 and Windows Server 2012, and was later made available for Windows 7 and Windows Server 2008 R2. It does not support Windows Vista, Windows Server 2008, or earlier versions.

IE10 expands on Internet Explorer 9 functionality with regard to CSS3 support, hardware acceleration, and HTML5 support. It is divided into two editions with different user interfaces: a Metro app that does not support plug-ins and a traditional desktop application that retains plug-in support. On 64-bit computers, the Metro edition runs in 64-bit mode by default. The desktop edition can be run in 64-bit mode by enabling Enhanced Protected Mode.

## Human

Mavrody S (2013). Visual Art Forms: Traditional to Digital. Sergey's HTML5 & CSS3. ISBN 978-0-9833867-5-9. Retrieved 30 July 2022. "Types of Literary Arts - Humans (*Homo sapiens*) or modern humans belong to the biological family of great apes, characterized by hairlessness, bipedality, and high intelligence. Humans have large brains, enabling more advanced cognitive skills that facilitate successful adaptation to varied environments, development of sophisticated tools, and formation of complex social structures and civilizations.

Humans are highly social, with individual humans tending to belong to a multi-layered network of distinct social groups – from families and peer groups to corporations and political states. As such, social interactions between humans have established a wide variety of values, social norms, languages, and traditions (collectively termed institutions), each of which bolsters human society. Humans are also highly curious: the desire to understand and influence phenomena has motivated humanity's development of science, technology, philosophy, mythology, religion, and other frameworks of knowledge; humans also study themselves through such domains as anthropology, social science, history, psychology, and medicine. As of 2025, there are estimated to be more than 8 billion living humans.

For most of their history, humans were nomadic hunter-gatherers. Humans began exhibiting behavioral modernity about 160,000–60,000 years ago. The Neolithic Revolution occurred independently in multiple locations, the earliest in Southwest Asia 13,000 years ago, and saw the emergence of agriculture and permanent human settlement; in turn, this led to the development of civilization and kickstarted a period of continuous (and ongoing) population growth and rapid technological change. Since then, a number of civilizations have risen and fallen, while a number of sociocultural and technological developments have resulted in significant changes to the human lifestyle.

Humans are omnivorous, capable of consuming a wide variety of plant and animal material, and have used fire and other forms of heat to prepare and cook food since the time of *Homo erectus*. Humans are generally diurnal, sleeping on average seven to nine hours per day. Humans have had a dramatic effect on the environment. They are apex predators, being rarely preyed upon by other species. Human population growth, industrialization, land development, overconsumption and combustion of fossil fuels have led to environmental destruction and pollution that significantly contributes to the ongoing mass extinction of other forms of life. Within the last century, humans have explored challenging environments such as Antarctica, the deep sea, and outer space, though human habitation in these environments is typically limited in duration and restricted to scientific, military, or industrial expeditions. Humans have visited the Moon and sent human-made spacecraft to other celestial bodies, becoming the first known species to do so.

Although the term "humans" technically equates with all members of the genus *Homo*, in common usage it generally refers to *Homo sapiens*, the only extant member. All other members of the genus *Homo*, which are now extinct, are known as archaic humans, and the term "modern human" is used to distinguish *Homo sapiens* from archaic humans. Anatomically modern humans emerged around 300,000 years ago in Africa, evolving from *Homo heidelbergensis* or a similar species. Migrating out of Africa, they gradually replaced and interbred with local populations of archaic humans. Multiple hypotheses for the extinction of archaic human species such as Neanderthals include competition, violence, interbreeding with *Homo sapiens*, or inability to adapt to climate change. Genes and the environment influence human biological variation in visible characteristics, physiology, disease susceptibility, mental abilities, body size, and life span. Though humans vary in many traits (such as genetic predispositions and physical features), humans are among the least genetically diverse primates. Any two humans are at least 99% genetically similar.

Humans are sexually dimorphic: generally, males have greater body strength and females have a higher body fat percentage. At puberty, humans develop secondary sex characteristics. Females are capable of pregnancy, usually between puberty, at around 12 years old, and menopause, around the age of 50. Childbirth is

dangerous, with a high risk of complications and death. Often, both the mother and the father provide care for their children, who are helpless at birth.

## HTML5

cannot be used for animation or interactivity – it must be supplemented with CSS3 or JavaScript. There are many Flash capabilities that have no direct counterpart - HTML5 (Hypertext Markup Language 5) is a markup language used for structuring and presenting hypertext documents on the World Wide Web. It was the fifth and final major HTML version that is now a retired World Wide Web Consortium (W3C) recommendation. The current specification is known as the HTML Living Standard. It is maintained by the Web Hypertext Application Technology Working Group (WHATWG), a consortium of the major browser vendors (Apple, Google, Mozilla, and Microsoft).

HTML5 was first released in a public-facing form on 22 January 2008, with a major update and "W3C Recommendation" status in October 2014. Its goals were to improve the language with support for the latest multimedia and other new features; to keep the language both easily readable by humans and consistently understood by computers and devices such as web browsers, parsers, etc., without XHTML's rigidity; and to remain backward-compatible with older software. HTML5 is intended to subsume not only HTML 4 but also XHTML1 and even the DOM Level 2 HTML itself.

HTML5 includes detailed processing models to encourage more interoperable implementations; it extends, improves, and rationalizes the markup available for documents and introduces markup and application programming interfaces (APIs) for complex web applications. For the same reasons, HTML5 is also a candidate for cross-platform mobile applications because it includes features designed with low-powered devices in mind.

Many new syntactic features are included. To natively include and handle multimedia and graphical content, the new <video>, <audio> and <canvas> elements were added; expandable sections are natively implemented through <summary>...</summary> and <details>...</details> rather than depending on CSS or JavaScript; and support for scalable vector graphics (SVG) content and MathML for mathematical formulas was also added. To enrich the semantic content of documents, new page structure elements such as <main>, <section>, <article>, <header>, <footer>, <aside>, <nav>, and <figure> are added. New attributes were introduced, some elements and attributes were removed, and others such as <a>, <cite>, and <menu> were changed, redefined, or standardized. The APIs and Document Object Model (DOM) are now fundamental parts of the HTML5 specification, and HTML5 also better defines the processing for any invalid documents.

## Montréal/Les Cèdres Airport

Montréal/Les Cèdres Airport (TC LID: CSS3) was a general aviation aerodrome located approximately 30 km (19 mi) west of Montreal, Quebec, Canada near Autoroute - Montréal/Les Cèdres Airport (TC LID: CSS3) was a general aviation aerodrome located approximately 30 km (19 mi) west of Montreal, Quebec, Canada near Autoroute 20 west of Vaudreuil-Dorion. The aerodrome was owned and operated by Laurentide Aviation. The aerodrome closed in spring 2022 to allow for commercial development.

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