Mar. 16, 2018

Properties

Shorthand Properties

* Allows authors to specify the values of several properties with a single property.

Vendor specific extensions

* (Aka vendor prefixes) used by browser vendors as a prefix for the names of experimental or non-standard CSS properties; lately vendors are moving away from vendor prefixes in favor of user-controlled flags or preferences.

Custom Properties

* (Experimental) property names prefixed with (- -), representing a value that can be reused throughout the document using the var() function.

Values

Value Processing

* Declared, cascaded, specified, computed, used, actual values.

Value Types

Keywords-CSS-WIDE

* Initial, inherit, unset
* Property-specific keywords

Numbers

* Integers or reals in (scientific) decimal notation.

Dimensions

* Length, angle, duration (or time), frequency, solution
* Length units: font-relative: em, ex, ch, rem; viewport-percentage: vw, vh, vmin, vmax; absolutes: cm, mm, in, pt, pc, px
* Angle units: deg, grad, rad, turn; used in some gradient and transform functions
* Duration (or time) units: s, ms; used in animation, transition, and related properties.
* Frequency units: Hz, kHz; initially introduced in CSS2 for the aural media type, reintroduced in CSS3, currently not inused.
* Resolution units: dpi, dpem, dppx; used in media queries.
* Percentages: number with a % suffix; calculated as a percentage of some value (usually taken from the parent element).
* URIs and URLs: url() function with an absolute or relative (to the stylesheet) URL parameter.

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Colors

* Color keywords: red
* RGB hexadecimal notation: rgb(255, 0, 0)
* HSL function: hsl(0, 100%, 50%)
* Current color, transparent

Strings

* Delimited by single quotes (‘) or double quotes (“)

CSS Preprocessors

* Generates CSS using a custom language syntax that typically includes features that don’t exist in pure CSS (e.g., variables, control flow, nesting, etc.)

CSS Frameworks

* Provides predefined CSS design functionally that can be reused, extended, or customized.

Polyfills

* Provides features that developers expect browsers to provide natively.

Typography

* Find the most appropriate fonts for presentation in websites.