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

e.g. background. Font, margin, padding, border, border-left, border-width, etc.

* Vendor Specific Extensions (a.k.a. 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 a favor of user-controlled flags or preferences.

e.g. –webkit-, -moz-, -o-, -ms-, etc.

* Custom Properties (a.k.a. CSS Variables) (Experimental)
* Property names prefixed with --, representing a value that can be reused throughout the document using the var() function.
* Values
* Value Processing
* Declared, cascade, specified, computed, used, actual values.
* Value Types
* Keywords
* CSS wide keywords
* Initial, inherit, unset
* Property Specific Keywords
* Numbers – integers or reals in (scientific) decimal notation.
* Dimensions
* Length, angle, duration (or time), frequency, resolution.
* Length Units:
* Font relative: em, ex, ch, rem
* View-port percentage: vw, vh, vmin, vmax.
* Absolute: 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 (obsoleted) aural media type; reintroduced in CSS3, but is currently unused.
* Resolution Units:
* dpi, dpcm, dppx
* used in media queries
* Percentages
* Number with a % suffix
* Calculated as a percentage of some value (usually taken from the percent element)
* URLs and URIs
* url() function with an absolute or relative (to the stylesheet) URL parameter
* denotes a pointer