Sass Functions Cheat Sheet

by Hamid Yaftian (hamidyfine) via cheatography.com/20655/cs/3376/

RGB Functions

rgb($red, $green, $blue)

Creates a Color from red, green, and blue values.

rgba($red, $green, $blue, $alpha)

Creates a Color from red, green, blue, and alpha values.

red($color)

Gets the red component of a color.

green($color)

Gets the green component of a color.

blue($color)

Gets the blue component of a color.

mix($color1, $color2, [$weight])

Mixes two colors together.

HSL Functions

hsl($hue, $saturation, $lightness)

Creates a Color from hue, saturation, and lightness values.

hsla($hue, $saturation, $lightness, $alpha)

Creates a Color from hue, saturation, lightness, and alpha values.

hue($color)

Gets the hue component of a color.

saturation($color)

Gets the saturation component of a color.

lightness($color)

Gets the lightness component of a color.

adjust-hue($color, $degrees)

Changes the hue of a color.

lighten($color, $amount)

Makes a color lighter.

darken($color, $amount)

Makes a color darker.

saturate($color, $amount)

Makes a color more saturated.

desaturate($color, $amount)

Makes a color less saturated.

grayscale($color)

HSL Functions (cont)

Converts a color to grayscale.

complement($color)

Returns the complement of a color.

invert($color)

Returns the inverse of a color.

Opacity Functions

alpha($color) / opacity($color)

Gets the alpha component (opacity) of a color.

rgba($color, $alpha)

Changes the alpha component for a color.

opacify($color, $amount) / fade-in($color, $amount)

Makes a color more opaque.

**transparentize($color, $amount) / fade-out($color, $amount)

Makes a color more transparent.

Other Color Functions

Visit: Sass Function

List Functions

Visit Sass Functions

Map Functions

Visit Sass Functions

Selector Functions

selector-nest($selectors…)

Nests selector beneath one another like they would be nested in the stylesheet.

selector-replace($selector, $original, $replacement)

Replaces $original with $replacement within $selector.

More at Sass Functions

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String Functions

unquote($string)

Removes quotes from a string.

quote($string)

Adds quotes to a string.

str-length($string)

Returns the number of characters in a string.

More at Sass Function

Number Functions

percentage($number)

Converts a unitless number to a percentage.

round($number)

Rounds a number to the nearest whole number.

ceil($number)

Rounds a number up to the next whole number.

floor($number)

Rounds a number down to the previous whole number.

abs($number)

Returns the absolute value of a number.

min($numbers…)

Finds the minimum of several numbers.

max($numbers…)

Finds the maximum of several numbers.

random([$limit])

Returns a random number.

Introspection Functions

feature-exists($feature)

Returns whether a feature exists in the current Sass runtime.

variable-exists($name)

Returns whether a variable with the given name exists in the current scope.

global-variable-exists($name)

Returns whether a variable with the given name exists in the global scope.

Introspection Functions (cont)

function-exists($name)

Returns whether a function with the given name exists.

mixin-exists($name)

Returns whether a mixin with the given name exists.

inspect($value)

Returns the string representation of a value as it would be represented in Sass.

type-of($value)

Returns the type of a value.

unit($number)

Returns the unit(s) associated with a number.

unitless($number)

Returns whether a number has units.

comparable($number1, $number2)

Returns whether two numbers can be added, subtracted, or compared.

call($name, $args…)

Dynamically calls a Sass function.

Miscellaneous Functions

if($condition, $if-true, $if-false)

Returns one of two values, depending on whether or not $condition is true.

unique-id()

Returns a unique CSS identifier.

Cheat Sheet Info:

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