

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.

opacity(\$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.

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