



# Stylus cheatsheet

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## CSS syntax

```
.box { color: blue; .button { color: red; } }
```

Stylus is a CSS pre-processor.

See: [stylus-lang.com](#)

## Indent syntax

```
.box color: blue .button color: red
```

Also works! The colon is optional, as well. This is typically  
the syntax used with Stylus documents.

## Variables

```
royal-blue = #36a
```

```
div color: royal-blue
```

# Mixins

## Without arguments

```
red-border() border: solid 2px red
```

```
div red-border()
```

See: [Mixins](#)

## With arguments

```
border-radius(n) -webkit-border-radius: n border-radius: n
```

```
div border-radius: 2px border-radius(2px)
```

Mixins can be applied in two different ways.

## Rest params

```
shadow(offset-x, args...) box-shadow: offset-x args  
margin-top: offset-x
```

```
#login shadow: 1px 2px 5px #eee
```

See: Rest params

# Functions

## Functions

```
add(a, b) a + b
```

```
body padding: add(10px, 5)
```

See: Functions

## Argument defaults

```
add(a, b = 2) a + b
```

See: Argument defaults

## Multiple return values

```
sizes() 8px 16px
```

```
sizes()[0] // → 8px sizes()[1] // → 16px
```

See: Multiple return values

# Values

## Conditional assignment

```
royal-blue = #36a royal-blue ?= #89f
```

```
div color: royal-blue // #36a
```

## Property lookup

```
.logo width: w = 150 margin-left: -(w / 2)
```

See: Property lookup

?= will only set a variable if it's previously unset.

See: Conditional assignment

## Lookup

```
light-blue = #3bd name = 'blue' lookup('light-' +  
name)
```

See: [lookup](#)

## Casting

```
n = 5px
```

```
foo: (n)em foo: (n * 5)%
```

# Advanced features

## Conditional

```
if color == blue display: block else if true and  
true display: inline else if 'hey' is not 'bye'  
display: flex else display: none
```

Aliases:

|    |        |
|----|--------|
| == | is     |
| != | is not |
| != | isnt   |

See: [Conditionals](#)

## For loops

```
font-size-1 = 10px font-size-2 = 20px font-size-3 =  
30px for i in 1..3 .text-{i} font-size:  
lookup('font-size-' + i)
```

## Type check

```
if val is a 'string' if val is a 'ident' if #fff is  
a 'rgba' // → true
```

See: [Instance check](#)

# Built-in functions

## Color functions

```
alpha(#fff) //→ 1 alpha(rgba(0, 0, 0, 0.2)) //→
```

## Image size

```
width: image-size('tux.png')[0] height: image-
```

```
0.2
```

```
dark(black) //→ true light(black) //→ false
```

```
hue(#0a0) //→ 50deg saturation(#f00) //→ 100%  
lightness(#f00) //→ 50% luminosity(#f00) //→  
0.2126
```

```
hue(#0a0, 0deg) saturation(#f00, 50%)  
lightness(#f00)
```

```
lighten(color, 10%) darken(color, 10%)  
saturate(color, 10%) desaturate(color, 10%)  
invert(color)
```

```
tint(color, 50%) // mix with white shade(color,  
50%) // mix with black
```

```
unquote(string)
```

See: Built-in functions

```
size('tux.png')[1]
```

Returns the width and height of a given image.

See: image-size

## Add Property

```
gradient(color) add-property('background-image',  
linear-gradient(top, color, darken(color, 20%)))  
color
```

```
body background: gradient(red)
```

See: add-property

## Embed URL

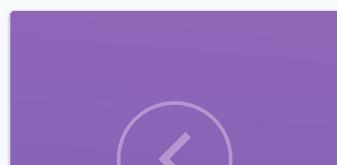
```
background: embedurl('logo.png') // → background:  
url("data:image/png;base64,...")
```

See: embedurl

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