

Converting Colors

RGB(195, 73, 116)

Have a look what the booklet for
RGB(195, 73, 116) contains.

RGB(195, 73, 116)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(195, 73, 116)

Conversions

Conversions Part 1

Format	Color
Hex	C34974
RGB	195, 73, 116
RGB Percent	76%, 29%, 45%
CMY	0.2353, 0.7137, 0.5451
CMYK	0.00, 0.63, 0.41, 0.24
HSL	339°, 50%, 53%
HSV	339°, 63%, 76%
XYZ	28.0406, 17.6281, 18.4477
YIQ	114.3800, 58.9090, 39.2370

Conversions

Conversions Part 2

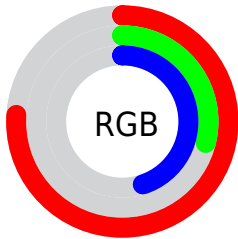
Format	Color
RYB	195, 73, 116
Decimal	12798324
CIELab	49.04, 52.50, 1.47
CIELCh	49, 52.521, 1.607
Yxy	17.6281, 0.4373, 0.2749
Android (android.graphics.Color)	4290988404 (0xFFC34974)
YUV	114.3800, 0.7987, 70.7037
Hunter-Lab	41.9859, 45.7374, 3.3394

Details

The RGB color **195, 73, 116** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **73, 195, 152**, and the grayscale version is **114, 114, 114**.

A 20% lighter version of the original color is **255, 128, 168**, and **137, 6, 68** is the 20% darker color. If you saturate the color by 10%, you get **195, 53, 103**, and if you desaturate by 10%, it is **195, 92, 129**.

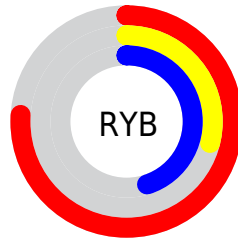
Distribution



Red (76%)

Green (29%)

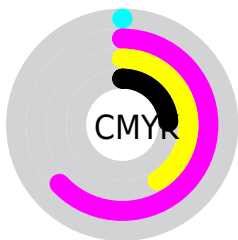
Blue (45%)



Red (76%)

Yellow (29%)

Blue (45%)

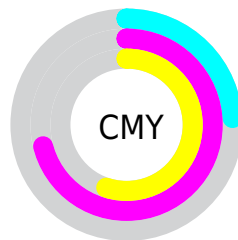


Cyan (0%)

Magenta (63%)

Yellow (41%)

Black (24%)



Cyan (24%)

Magenta (71%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 195, 73, 116 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 195, 73, 116 by changing the saturation by 10% instead.



195, 73, 116



195, 73, 116

255, 255, 255



166, 45, 92



255, 128, 168



137, 6, 68



255, 155, 195



109, 0, 46



255, 183, 223



81, 0, 26



255, 212, 251



56, 0, 2



255, 241, 255



13, 0, 0



0, 0, 0



195, 73, 116



195, 73, 116



195, 53, 103



195, 92, 129

■ 195, 34, 91

■ 195, 112, 141

■ 195, 14, 78

■ 195, 132, 154

■ 195, 0, 69

■ 195, 151, 167

■ 195, 171, 179

■ 195, 190, 192

■ 195, 209, 204

■ 195, 229, 217

■ 195, 248, 230

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



172, 84, 160



195, 73, 116



193, 80, 73

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



195, 73, 116



92, 127, 33



0, 132, 194

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



195, 73, 116



73, 195, 152

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0, 137, 162



195, 73, 116



1, 134, 72

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



195, 73, 116



137, 115, 12



0, 137, 118



0, 121, 206

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



195, 73, 116



181, 92, 47



0, 137, 118



0, 134, 186

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



195, 73, 116



252, 204, 221



150, 73, 195



128, 98, 109



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



195, 73, 116



252, 63, 130



195, 89, 73



97, 87, 91



161, 0, 57



33, 0, 12

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



195, 73, 116



252, 63, 130



73, 179, 195



97, 87, 91



161, 0, 57



33, 0, 12

Previews

White Background



This preview shows how the RGB color 195, 73, 116 looks on a white background.

Color Contrast Check

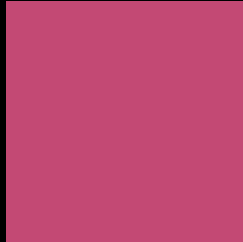
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 195, 73, 116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 195, 73, 116 Background



This preview shows how black text looks on a background with the RGB color 195, 73, 116.



This preview shows how white text looks on a background with the RGB color 195, 73, 116.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
195, 73, 116

Protanopia
111, 116, 142

Deuteranopia
131, 113, 110



Tritanopia
193, 80, 85

Trichromacy



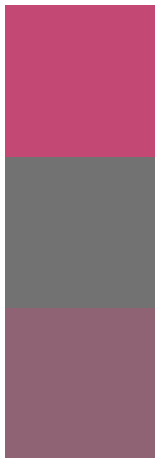
Original Color
195, 73, 116

Protanomaly
142, 100, 133

Deuteranomaly
154, 98, 112

Tritanomaly
194, 77, 96

Monochromacy



Original Color
195, 73, 116

Achromatopsia
114, 114, 114

Achromatomaly
143, 99, 115

CSS Examples

Text

The CSS property to change the color of the text to RGB 195, 73, 116 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(195, 73, 116)` looks like.

```
.text, #text, p{  
    color:rgb(195, 73, 116)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(195, 73, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 73, 116) }
```

Border

The CSS property to change the border of an element to RGB 195, 73, 116 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 73, 116) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(195, 73, 116) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(195, 73, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 73, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 73, 116);  
box-shadow:4px 4px 4px 4px rgb(195, 73,  
116) }
```

Background

The CSS property to change the background color of an element to RGB 195, 73, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 73, 116) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(195, 73,  
116) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor