

Converting Colors

RGB(193, 73, 114)

Have a look what the booklet for
RGB(193, 73, 114) contains.

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Color

RGB(193, 73, 114)

Conversions

Conversions Part 1

Format	Color
Hex	C14972
RGB	193, 73, 114
RGB Percent	76%, 29%, 45%
CMY	0.2431, 0.7137, 0.5529
CMYK	0.00, 0.62, 0.41, 0.24
HSL	340°, 49%, 52%
HSV	340°, 62%, 76%
XYZ	27.4121, 17.3174, 17.8174
YIQ	113.5540, 58.3590, 38.1910

Conversions

Conversions Part 2

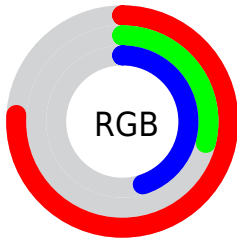
Format	Color
R _Y B	193, 73, 114
Decimal	12667250
CIE Lab	48.66, 51.65, 2.09
CIE LCh	49, 51.694, 2.312
Yxy	17.3174, 0.4383, 0.2769
Android (android.graphics.Color)	4290857330 (0xFFC14972)
YUV	113.5540, 0.2199, 69.6741
Hunter-Lab	41.6142, 44.7566, 3.7446

Details

The RGB color **193, 73, 114** 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, 193, 152**, and the grayscale version is **114, 114, 114**.

A 20% lighter version of the original color is **253, 127, 166**, and **135, 7, 66** is the 20% darker color. If you saturate the color by 10%, you get **193, 54, 101**, and if you desaturate by 10%, it is **193, 92, 127**.

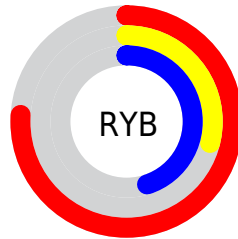
Distribution



Red (76%)

Green (29%)

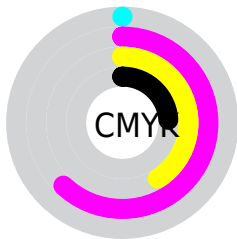
Blue (45%)



Red (76%)

Yellow (29%)

Blue (45%)

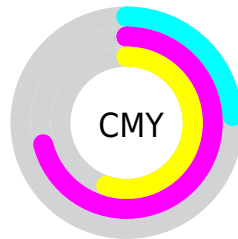


Cyan (0%)

Magenta (62%)

Yellow (41%)

Black (24%)



Cyan (24%)

Magenta (71%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 73, 114 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 193, 73, 114 by changing the saturation by 10% instead.

 193, 73, 114  193, 73, 114

255, 255, 255  164, 45, 90


 253, 127, 166  135, 7, 66

 255, 155, 193  107, 0, 44

 255, 183, 221  79, 0, 24

 255, 212, 249  54, 0, 2

 255, 241, 255  7, 0, 0

 0, 0, 0


 193, 73, 114  193, 73, 114

 193, 54, 101  193, 92, 127

 193, 34, 89

 193, 112, 139

 193, 15, 76

 193, 131, 152

 193, 0, 66

 193, 150, 165

 193, 170, 178

 193, 189, 190

 193, 208, 203

 193, 227, 216

 193, 247, 228

Harmonies

Analogous

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



171, 83, 157



193, 73, 114



191, 81, 71

Triad

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



193, 73, 114



90, 126, 34



0, 131, 193

Complementary

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



193, 73, 114



73, 193, 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, 136, 161



193, 73, 114



0, 133, 73

Square

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



193, 73, 114



135, 115, 14



0, 136, 118



0, 120, 203

Rectangle

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



193, 73, 114



178, 92, 47



0, 136, 118



0, 133, 184

Sweetspot

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



193, 73, 114



250, 202, 219



151, 73, 193



125, 96, 106



252, 252, 252



125, 125, 125

Same Dimension

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



193, 73, 114



250, 62, 127



193, 91, 73



97, 87, 91



161, 0, 55



33, 0, 11

Inverse Universe

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



193, 73, 114



250, 62, 127



73, 175, 193



97, 87, 91



161, 0, 55



33, 0, 11

Previews

White Background



This preview shows how the RGB color 193, 73, 114 looks on a white background.

Color Contrast Check

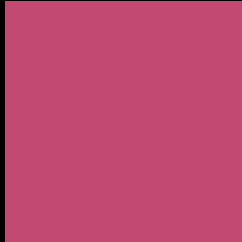
Large Text (above 18pt) WCAG AA ✓ Pass

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 193, 73, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RGB 193, 73, 114 Background



This preview shows how black text looks on a background with the RGB color 193, 73, 114.



This preview shows how white text looks on a background with the RGB color 193, 73, 114.

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
193, 73, 114

Protanopia
111, 115, 139

Deuteranopia
130, 112, 108



Tritanopia
191, 79, 84

Trichromacy



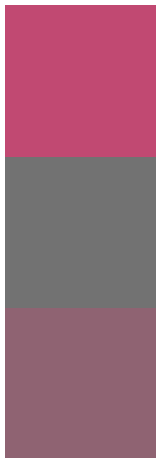
Original Color
193, 73, 114

Protanomaly
141, 100, 130

Deuteranomaly
153, 98, 110

Tritanomaly
192, 77, 95

Monochromacy



Original Color
193, 73, 114

Achromatopsia
114, 114, 114

Achromatomaly
143, 99, 114

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 73, 114 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(193, 73, 114)` looks like.

```
.text, #text, p{  
    color:rgb(193, 73, 114)  
}
```

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(193, 73, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 73, 114) }
```

Border

The CSS property to change the border of an element to RGB 193, 73, 114 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(193, 73, 114) }
```

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

```
.border{ border-color:rgb(193, 73, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 73, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 73, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 73, 114);  
box-shadow:4px 4px 4px 4px rgb(193, 73,  
114) }
```

Background

The CSS property to change the background color of an element to RGB 193, 73, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 73, 114) }
```

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

```
.background{ background-color: rgb(193, 73,  
114) }
```

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](#).

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