

Converting Colors

RGB(190, 94, 112)

Have a look what the booklet for
RGB(190, 94, 112) contains.

RGB(190, 94, 112)	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(190, 94, 112)

Conversions

Conversions Part 1

Format	Color
Hex	BE5E70
RGB	190, 94, 112
RGB Percent	75%, 37%, 44%
CMY	0.2549, 0.6314, 0.5608
CMYK	0.00, 0.51, 0.41, 0.25
HSL	349°, 42%, 56%
HSV	349°, 51%, 75%
XYZ	28.1625, 20.1224, 17.7289
YIQ	124.7560, 51.4380, 25.9500

Conversions

Conversions Part 2

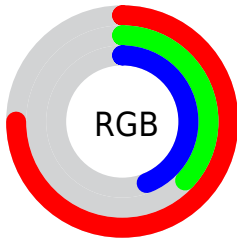
Format	Color
R_{YB}	190, 94, 112
Decimal	12476016
CIE _{Lab}	51.98, 40.34, 7.99
CIE _{LCh}	52, 41.121, 11.199
Yxy	20.1224, 0.4266, 0.3048
Android (android.graphics.Color)	4290666096 (0xFFBE5E70)
YUV	124.7560, -6.2887, 57.2190
Hunter-Lab	44.8580, 33.5635, 7.9678

Details

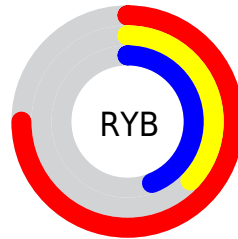
The RGB color **190, 94, 112** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **94, 190, 172**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **249, 147, 164**, and **133, 43, 64** is the 20% darker color. If you saturate the color by 10%, you get **190, 75, 97**, and if you desaturate by 10%, it is **190, 113, 127**.

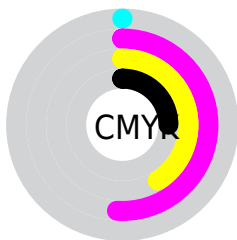
Distribution



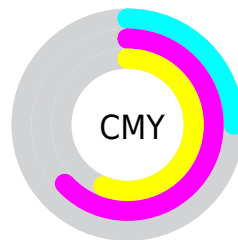
- Red (75%)
- Green (37%)
- Blue (44%)



- Red (75%)
- Yellow (37%)
- Blue (44%)



- Cyan (0%)
- Magenta (51%)
- Yellow (41%)
- Black (25%)



- Cyan (25%)
- Magenta (63%)
- Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the RGB color 190, 94, 112 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 190, 94, 112 by changing the saturation by 10% instead.

 190, 94, 112  190, 94, 112

255, 255, 255  161, 68, 88

 249, 147, 164  133, 43, 64


 255, 174, 191  105, 14, 43

 255, 202, 218  78, 0, 22

 255, 231, 247  54, 0, 1

 14, 0, 0

 0, 0, 0

 190, 94, 112  190, 94, 112

 190, 75, 97  190, 113, 127

■ 190, 56, 81

■ 190, 132, 143

■ 190, 37, 66

■ 190, 151, 158

■ 190, 18, 50

■ 190, 170, 174

■ 190, 0, 36

■ 190, 189, 189

■ 190, 208, 205

■ 190, 227, 220

■ 190, 246, 236

■ 190, 255, 251

Harmonies

Analogous

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



177, 97, 147



190, 94, 112



184, 101, 79

Triad

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



190, 94, 112



93, 135, 69



0, 134, 190

Complementary

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



190, 94, 112



94, 190, 172

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, 140, 169



190, 94, 112



37, 140, 100

Square

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



190, 94, 112



132, 126, 52



0, 142, 136



88, 123, 193

Rectangle

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



190, 94, 112



171, 110, 62



0, 142, 136



0, 136, 185

Sweetspot

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



190, 94, 112



247, 210, 217



171, 94, 190



125, 102, 107



252, 252, 252



125, 125, 125

Same Dimension

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



190, 94, 112



247, 96, 125



190, 123, 94



94, 85, 87



158, 0, 30



31, 0, 6

Inverse Universe

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



190, 94, 112



247, 96, 125



94, 161, 190



94, 85, 87



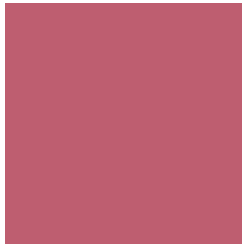
158, 0, 30



31, 0, 6

Previews

White Background



This preview shows how the RGB color 190, 94, 112 looks on a white background.

Color Contrast Check

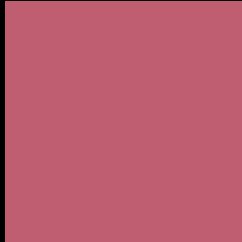
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 190, 94, 112 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 190, 94, 112 Background



This preview shows how black text looks on a background with the RGB color 190, 94, 112.



This preview shows how white text looks on a background with the RGB color 190, 94, 112.

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
190, 94, 112

Protanopia
126, 124, 128

Deuteranopia
142, 120, 108



Tritanopia
189, 96, 102

Trichromacy



Original Color
190, 94, 112

Protanomaly
149, 113, 122

Deuteranomaly
159, 111, 109

Tritanomaly
189, 95, 106

Monochromacy



Original Color
190, 94, 112

Achromatopsia
125, 125, 125

Achromatomaly
149, 114, 120

CSS Examples

Text

The CSS property to change the color of the text to RGB 190, 94, 112 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(190, 94, 112)` looks like.

```
.text, #text, p{  
    color:rgb(190, 94, 112)  
}
```

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(190, 94, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 94, 112) }
```

Border

The CSS property to change the border of an element to RGB 190, 94, 112 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(190, 94, 112) }
```

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

```
.border{ border-color:rgb(190, 94, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 94, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 94, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 94, 112);  
box-shadow:4px 4px 4px 4px rgb(190, 94,  
112) }
```

Background

The CSS property to change the background color of an element to RGB 190, 94, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 94, 112) }
```

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

```
.background{ background-color: rgb(190, 94,  
112) }
```

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