

Converting Colors

RGB(191, 59, 106)

Have a look what the booklet for
RGB(191, 59, 106) contains.

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Color

RGB(191, 59, 106)

Conversions

Conversions Part 1

Format	Color
Hex	BF3B6A
RGB	191, 59, 106
RGB Percent	75%, 23%, 42%
CMY	0.2510, 0.7686, 0.5843
CMYK	0.00, 0.69, 0.45, 0.25
HSL	339°, 53%, 49%
HSV	339°, 69%, 75%
XYZ	25.6513, 15.2449, 15.2263
YIQ	103.8260, 63.5850, 42.6010

Conversions

Conversions Part 2

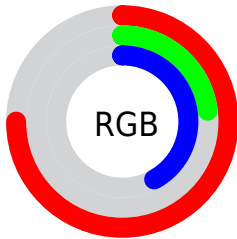
Format	Color
R_{YB}	191, 59, 106
Decimal	12532586
CIE _{Lab}	45.97, 56.01, 3.03
CIE _{LCh}	46, 56.097, 3.097
Yxy	15.2449, 0.4571, 0.2716
Android (android.graphics.Color)	4290722666 (0xFFBF3B6A)
YUV	103.8260, 1.0718, 76.4516
Hunter-Lab	39.0447, 48.9415, 4.2100

Details

The RGB color **191, 59, 106** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **59, 191, 144**, and the grayscale version is **104, 104, 104**.

A 20% lighter version of the original color is **251, 115, 157**, and **132, 0, 59** is the 20% darker color. If you saturate the color by 10%, you get **191, 40, 94**, and if you desaturate by 10%, it is **191, 78, 118**.

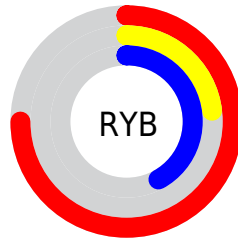
Distribution



Red (75%)

Green (23%)

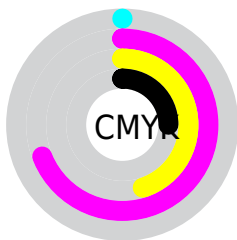
Blue (42%)



Red (75%)

Yellow (23%)

Blue (42%)

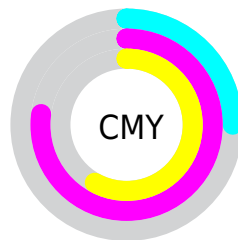


Cyan (0%)

Magenta (69%)

Yellow (45%)

Black (25%)



Cyan (25%)


Magenta (77%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the RGB color 191, 59, 106 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 191, 59, 106 by changing the saturation by 10% instead.

 191, 59, 106

 191, 59, 106

255, 255, 255

 161, 26, 82

 251, 115, 157

 132, 0, 59

 255, 143, 184

 104, 0, 38

 255, 171, 212


 76, 0, 17


 255, 200, 240


 49, 0, 2


 255, 229, 255

 0, 0, 0

 191, 59, 106


 191, 59, 106


 191, 40, 94


 191, 78, 118


 191, 21, 81


 191, 97, 131


 191, 2, 69


 191, 116, 143

 191, 0, 68

 191, 135, 155

 191, 155, 167

 191, 174, 180

 191, 193, 192

 191, 212, 204

 191, 231, 217

Harmonies

Analogous

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



169, 72, 152



191, 59, 106



187, 69, 60

Triad

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



191, 59, 106



78, 121, 16



0, 125, 193

Complementary

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



191, 59, 106



59, 191, 144

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, 130, 159



191, 59, 106



0, 127, 64

Square

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



191, 59, 106



127, 108, 0



0, 130, 113



0, 113, 203

Rectangle

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



191, 59, 106



173, 83, 32



0, 130, 113



0, 127, 184

Sweetspot

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



191, 59, 106



247, 195, 214



143, 59, 191



125, 94, 105



252, 252, 252



125, 125, 125

Same Dimension

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



191, 59, 106



247, 42, 115



191, 77, 59



94, 85, 88



158, 0, 56



31, 0, 11

Inverse Universe

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



191, 59, 106



247, 42, 115



59, 173, 191



94, 85, 88



158, 0, 56



31, 0, 11

Previews

White Background



This preview shows how the RGB color 191, 59, 106 looks on a white background.

Color Contrast Check

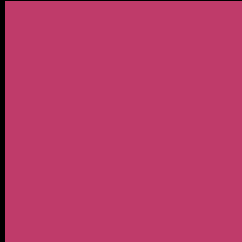
Large Text (above 18pt) WCAG AA ✓ Pass

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 191, 59, 106 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 191, 59, 106 Background



This preview shows how black text looks on a background with the RGB color 191, 59, 106.

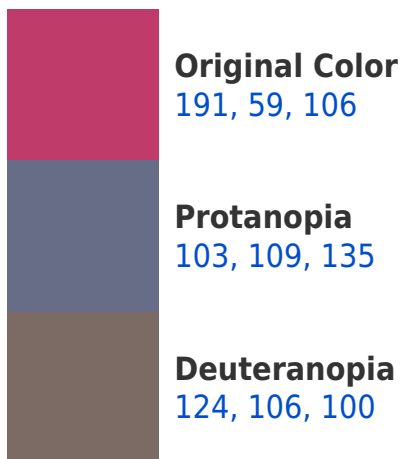


This preview shows how white text looks on a background with the RGB color 191, 59, 106.

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





Tritanopia
189, 67, 71

Trichromacy



Original Color

191, 59, 106

Protanomaly

135, 91, 124

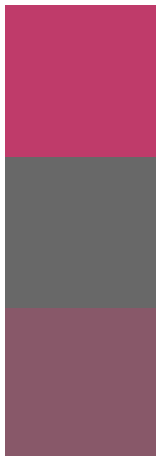
Deuteranomaly

148, 89, 102

Tritanomaly

190, 64, 84

Monochromacy



Original Color

191, 59, 106

Achromatopsia

104, 104, 104

Achromatomaly

136, 88, 105

CSS Examples

Text

The CSS property to change the color of the text to RGB 191, 59, 106 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(191, 59, 106)` looks like.

```
.text, #text, p{  
    color:rgb(191, 59, 106)  
}
```

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(191, 59, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 59, 106) }
```

Border

The CSS property to change the border of an element to RGB 191, 59, 106 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(191, 59, 106) }
```

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

```
.border{ border-color:rgb(191, 59, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 59, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 59, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 59, 106); box-shadow:4px 4px 4px 4px rgb(191, 59, 106) }
```

Background

The CSS property to change the background color of an element to RGB 191, 59, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 59, 106) }
```

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

```
.background{ background-color: rgb(191, 59,  
106) }
```

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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