

Converting Colors

RGB(191, 123, 177)

Have a look what the booklet for
RGB(191, 123, 177) contains.

RGB(191, 123, 177)	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(191, 123, 177)

Conversions

Conversions Part 1

Format	Color
Hex	BF7BB1
RGB	191, 123, 177
RGB Percent	75%, 48%, 69%
CMY	0.2510, 0.5176, 0.3059
CMYK	0.00, 0.36, 0.07, 0.25
HSL	312°, 35%, 62%
HSV	312°, 36%, 75%
XYZ	36.5046, 28.4166, 45.1559
YIQ	149.4880, 23.1940, 31.2100

Conversions

Conversions Part 2

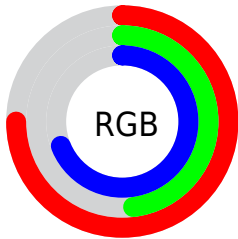
Format	Color
RYB	191, 123, 177
Decimal	12549041
CIELab	60.26, 34.72, -17.66
CIELCh	60, 38.957, 333.045
Yxy	28.4166, 0.3316, 0.2582
Android (android.graphics.Color)	4290739121 (0xFFBF7BB1)
YUV	149.4880, 13.5634, 36.4060
Hunter-Lab	53.3072, 28.9486, -12.9088

Details

The RGB color **191, 123, 177** is a light color, and the websafe version is hex **996699**. A complement of this color would be **123, 191, 137**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **248, 177, 233**, and **136, 72, 124** is the 20% darker color. If you saturate the color by 10%, you get **191, 104, 173**, and if you desaturate by 10%, it is **191, 142, 181**.

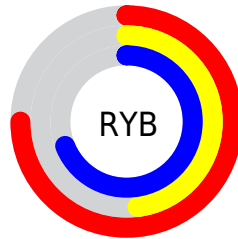
Distribution



Red (75%)

Green (48%)

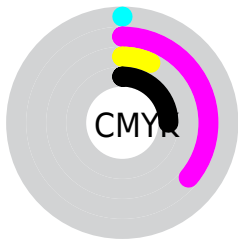
Blue (69%)



Red (75%)

Yellow (48%)

Blue (69%)

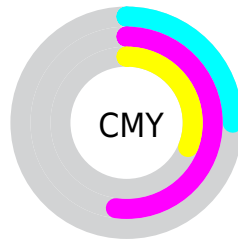


Cyan (0%)

Magenta (36%)

Yellow (7%)

Black (25%)



Cyan (25%)

Magenta (52%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 191, 123, 177 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, 123, 177 by changing the saturation by 10% instead.

 191, 123, 177

255, 255, 255

 248, 177, 233

 255, 204, 255


 255, 233, 255

 191, 123, 177

 163, 97, 150

 136, 72, 124

 110, 48, 99

 85, 24, 75

 60, 0, 52


 40, 0, 32


 0, 0, 2


 0, 0, 0


 191, 123, 177


 191, 123, 177


 191, 104, 173


 191, 142, 181


 191, 85, 169


 191, 161, 185


 191, 66, 165

 191, 180, 189


 191, 47, 161

 191, 199, 193


 191, 28, 157


 191, 219, 197


 191, 8, 153

 191, 238, 201

 191, 0, 152

 191, 255, 205

 191, 255, 208

 191, 255, 212

Harmonies

Analogous

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



153, 135, 203



191, 123, 177



209, 117, 143

Triad

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



191, 123, 177



163, 144, 75



0, 162, 182

Complementary

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



191, 123, 177



123, 191, 137

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.



4, 163, 148



191, 123, 177



127, 154, 86

Square

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



191, 123, 177



192, 132, 85



84, 161, 113



0, 157, 206

Rectangle

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



191, 123, 177



211, 119, 120



84, 161, 113



0, 163, 171

Sweetspot

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



191, 123, 177



247, 220, 242



137, 123, 191



125, 109, 122



252, 252, 252



125, 125, 125

Same Dimension

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



191, 123, 177



247, 141, 225



191, 123, 143



94, 85, 92



158, 0, 126



31, 0, 24

Inverse Universe

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



191, 123, 177



247, 141, 225



123, 191, 171



94, 85, 92



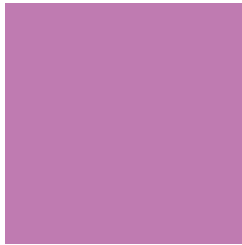
158, 0, 126



31, 0, 24

Previews

White Background



This preview shows how the RGB color 191, 123, 177 looks on a white background.

Color Contrast Check

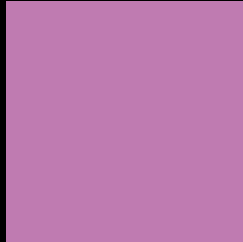
Large Text (above 18pt) WCAG AA ✓ Pass

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 191, 123, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

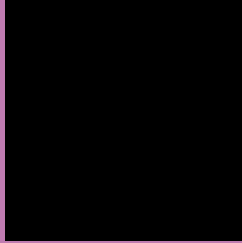
Any Text WCAG AA ✓ Pass

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 191, 123, 177 Background



This preview shows how black text looks on a background with the RGB color 191, 123, 177.

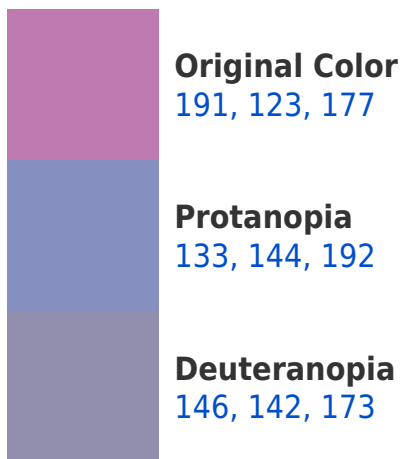



This preview shows how white text looks on a background with the RGB color 191, 123, 177.

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
186, 130, 140

Trichromacy



Original Color
191, 123, 177

Protanomaly
154, 136, 187

Deuteranomaly
162, 135, 174

Tritanomaly
188, 127, 153

Monochromacy



Original Color
191, 123, 177

Achromatopsia
149, 149, 149

Achromatomaly
164, 140, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 191, 123, 177 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, 123, 177)` looks like.

```
.text, #text, p{  
    color:rgb(191, 123, 177)  
}
```

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, 123, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 123, 177) }
```

Border

The CSS property to change the border of an element to RGB 191, 123, 177 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, 123, 177) }
```

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

```
.border{ border-color:rgb(191, 123, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 123, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 123, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 123, 177); box-shadow:4px 4px 4px 4px rgb(191, 123, 177) }
```

Background

The CSS property to change the background color of an element to RGB 191, 123, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 123, 177) }
```

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

```
.background{ background-color: rgb(191,  
123, 177) }
```

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