

Converting Colors

RGB(199, 107, 190)

Have a look what the booklet for
RGB(199, 107, 190) contains.

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Color

RGB(199, 107, 190)

Conversions

Conversions Part 1

Format	Color
Hex	C76BBE
RGB	199, 107, 190
RGB Percent	78%, 42%, 75%
CMY	0.2196, 0.5804, 0.2549
CMYK	0.00, 0.46, 0.05, 0.22
HSL	306°, 45%, 60%
HSV	306°, 46%, 78%
XYZ	38.1051, 26.3752, 51.7978
YIQ	143.9700, 28.1890, 45.3170

Conversions

Conversions Part 2

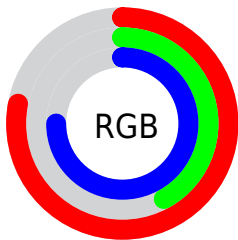
Format	Color
R _{YB}	199, 107, 190
Decimal	13069246
CIE _{Lab}	58.39, 48.03, -27.87
CIE _{LCh}	58, 55.528, 329.877
Yxy	26.3752, 0.3277, 0.2268
Android (android.graphics.Color)	4291259326 (0xFFC76BBE)
YUV	143.9700, 22.6928, 48.2613
Hunter-Lab	51.3568, 42.5670, -23.8493

Details

The RGB color **199, 107, 190** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **107, 199, 116**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **255, 161, 247**, and **143, 54, 136** is the 20% darker color. If you saturate the color by 10%, you get **199, 87, 188**, and if you desaturate by 10%, it is **199, 127, 192**.

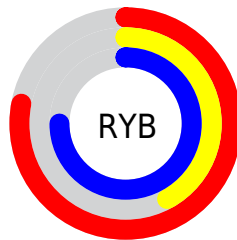
Distribution



Red (78%)

Green (42%)

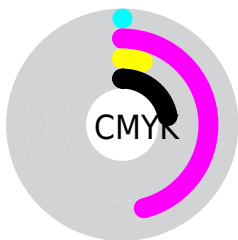
Blue (75%)



Red (78%)

Yellow (42%)

Blue (75%)

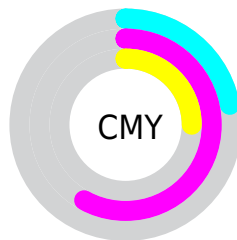


Cyan (0%)

Magenta (46%)

Yellow (5%)

Black (22%)



Cyan (22%)

Magenta (58%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 107, 190 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 199, 107, 190 by changing the saturation by 10% instead.

 199, 107, 190

255, 255, 255


 255, 161, 247

 255, 189, 255

 255, 217, 255

 255, 246, 255

 199, 107, 190

 171, 81, 163

 143, 54, 136

 116, 26, 111

 90, 0, 86


 64, 0, 62

 42, 0, 40

 0, 1, 17

 0, 0, 0

 199, 107, 190

 199, 107, 190

 199, 87, 188

 199, 127, 192

 199, 67, 186

 199, 147, 194

 199, 47, 184

 199, 167, 196

 199, 27, 182

 199, 187, 198

 199, 8, 180

 199, 207, 200

 199, 0, 180

 199, 226, 202

 199, 246, 204

 199, 255, 206

 199, 255, 208

Harmonies

Analogous

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



140, 128, 225



199, 107, 190



226, 95, 143

Triad

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



199, 107, 190



166, 138, 33



0, 163, 188

Complementary

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



199, 107, 190



107, 199, 116

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, 164, 139



199, 107, 190



117, 152, 49

Square

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



199, 107, 190



204, 119, 55



44, 160, 89



0, 158, 224

Rectangle

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



199, 107, 190



229, 97, 110



44, 160, 89



0, 164, 172

Sweetspot

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



199, 107, 190



255, 219, 252



115, 107, 199



128, 106, 125



0, 0, 0



128, 128, 128

Same Dimension

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



199, 107, 190



255, 115, 241



199, 107, 145



99, 90, 98



163, 0, 147



36, 0, 32

Inverse Universe

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



199, 107, 190



255, 115, 241



107, 199, 161



99, 90, 98



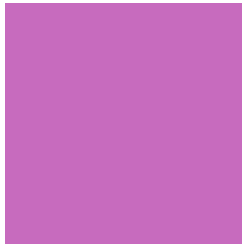
163, 0, 147



36, 0, 32

Previews

White Background



This preview shows how the RGB color 199, 107, 190 looks on a white background.

Color Contrast Check

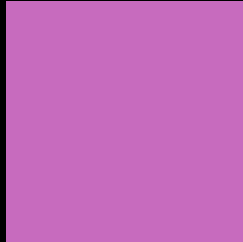
Large Text (above 18pt) WCAG AA ✓ Pass

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 199, 107, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

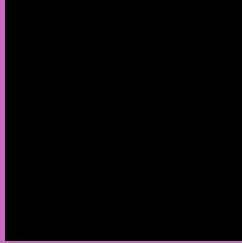
Any Text WCAG AA ✓ Pass

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 199, 107, 190 Background



This preview shows how black text looks on a background with the RGB color 199, 107, 190.

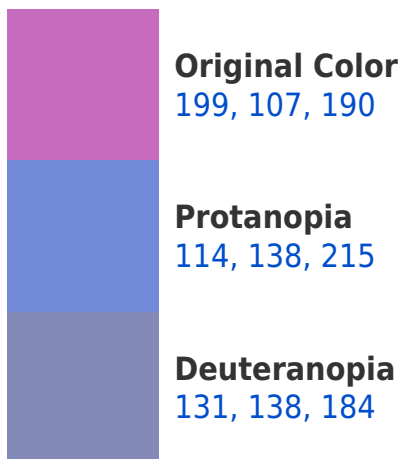


This preview shows how white text looks on a background with the RGB color 199, 107, 190.

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
192, 121, 130

Trichromacy



Original Color
199, 107, 190

Protanomaly
145, 127, 206

Deuteranomaly
156, 127, 186

Tritanomaly
195, 116, 152

Monochromacy



Original Color
199, 107, 190

Achromatopsia
144, 144, 144

Achromatomaly
164, 131, 161

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 107, 190 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(199, 107, 190)` looks like.

```
.text, #text, p{  
    color:rgb(199, 107, 190)  
}
```

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(199, 107, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 107, 190) }
```

Border

The CSS property to change the border of an element to RGB 199, 107, 190 is called "border". The border property can be set on classes, ids or directly on the HTML element.

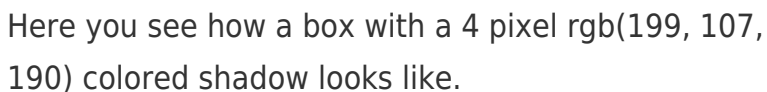
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 107, 190) }
```

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

```
.border{ border-color:rgb(199, 107, 190) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 107, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 107, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 107, 190); box-shadow:4px 4px 4px 4px rgb(199, 107, 190) }
```

Background

The CSS property to change the background color of an element to RGB 199, 107, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 107, 190) }
```

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

```
.background{ background-color: rgb(199,  
107, 190) }
```

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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