

Converting Colors

RGB(199, 110, 180)

Have a look what the booklet for
RGB(199, 110, 180) contains.

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Color

RGB(199, 110, 180)

Conversions

Conversions Part 1

Format	Color
Hex	C76EB4
RGB	199, 110, 180
RGB Percent	78%, 43%, 71%
CMY	0.2196, 0.5686, 0.2941
CMYK	0.00, 0.45, 0.10, 0.22
HSL	313°, 44%, 61%
HSV	313°, 45%, 78%
XYZ	37.3673, 26.5893, 46.3428
YIQ	144.5910, 30.5740, 40.6380

Conversions

Conversions Part 2

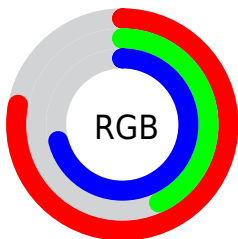
Format	Color
RYB	199, 110, 180
Decimal	13070004
CIELab	58.59, 44.77, -21.84
CIELCh	59, 49.810, 334.000
Yxy	26.5893, 0.3388, 0.2411
Android (android.graphics.Color)	4291260084 (0xFFC76EB4)
YUV	144.5910, 17.4566, 47.7167
Hunter-Lab	51.5648, 39.1149, -17.1903

Details

The RGB color **199, 110, 180** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **110, 199, 129**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **255, 164, 236**, and **143, 58, 127** is the 20% darker color. If you saturate the color by 10%, you get **199, 90, 176**, and if you desaturate by 10%, it is **199, 130, 184**.

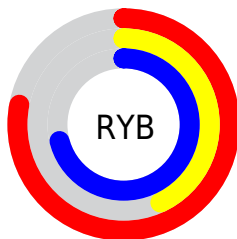
Distribution



Red (78%)

Green (43%)

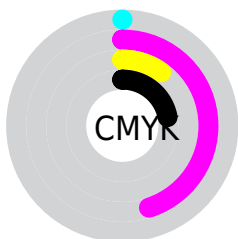
Blue (71%)



Red (78%)

Yellow (43%)

Blue (71%)

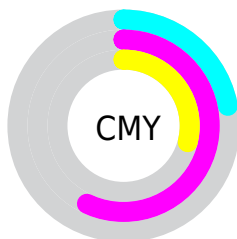


Cyan (0%)

Magenta (45%)

Yellow (10%)

Black (22%)



Cyan (22%)

Magenta (57%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 110, 180 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, 110, 180 by changing the saturation by 10% instead.

 199, 110, 180

255, 255, 255


 255, 164, 236


 255, 192, 255

 255, 220, 255

 255, 249, 255

 199, 110, 180

 171, 84, 153

 143, 58, 127

 116, 31, 102

 90, 0, 78

 64, 0, 55


 43, 0, 33

 0, 0, 5

 0, 0, 0

 199, 110, 180


 199, 110, 180

 199, 90, 176


 199, 130, 184

 199, 70, 172

 199, 150, 188

 199, 50, 167

 199, 170, 193

 199, 30, 163

 199, 190, 197

 199, 10, 159

 199, 210, 201

 199, 0, 157

 199, 229, 205

 199, 249, 210

 199, 255, 214

 199, 255, 218

Harmonies

Analogous

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



151, 127, 214



199, 110, 180



220, 102, 137

Triad

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



199, 110, 180



160, 141, 48



0, 161, 189

Complementary

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



199, 110, 180



110, 199, 129

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, 163, 146



199, 110, 180



115, 152, 65

Square

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



199, 110, 180



195, 125, 62



49, 160, 101



0, 155, 219

Rectangle

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



199, 110, 180



221, 105, 108



49, 160, 101



0, 162, 175

Sweetspot

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



199, 110, 180



255, 222, 248



128, 110, 199



128, 107, 123



0, 0, 0



128, 128, 128

Same Dimension

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



199, 110, 180



255, 117, 226



199, 110, 137



99, 90, 97



163, 0, 128



36, 0, 28

Inverse Universe

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



199, 110, 180



255, 117, 226



110, 199, 172



99, 90, 97



163, 0, 128



36, 0, 28

Previews

White Background



This preview shows how the RGB color 199, 110, 180 looks on a white background.

Color Contrast Check

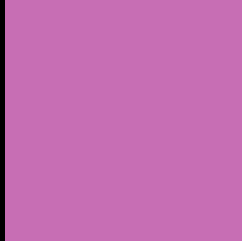
Large Text (above 18pt) WCAG AA ✓ Pass

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, 110, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

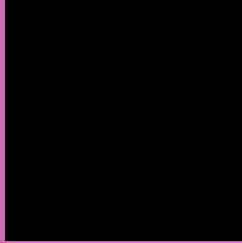
Any Text WCAG AA ✓ Pass

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, 110, 180 Background



This preview shows how black text looks on a background with the RGB color 199, 110, 180.

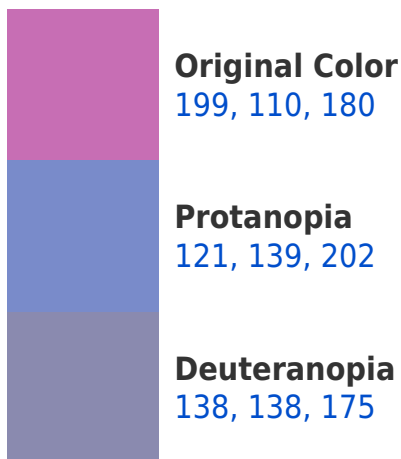


This preview shows how white text looks on a background with the RGB color 199, 110, 180.

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
193, 121, 130

Trichromacy



Original Color

199, 110, 180



Protanomaly

149, 128, 194



Deuteranomaly

160, 128, 177



Tritanomaly

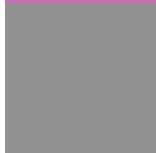
195, 117, 148

Monochromacy



Original Color

199, 110, 180



Achromatopsia

145, 145, 145



Achromatomaly

165, 132, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 110, 180 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, 110, 180)` looks like.

```
.text, #text, p{  
    color:rgb(199, 110, 180)  
}
```

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, 110, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 110, 180) }
```

Border

The CSS property to change the border of an element to RGB 199, 110, 180 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, 110, 180) }
```

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

```
.border{ border-color:rgb(199, 110, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 110, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 110, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 110, 180);  
box-shadow:4px 4px 4px 4px rgb(199, 110,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 199, 110, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 110, 180) }
```

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

```
.background{ background-color: rgb(199,  
110, 180) }
```

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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