

Converting Colors

RGB(198, 147, 180)

Have a look what the booklet for
RGB(198, 147, 180) contains.

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Color

RGB(198, 147, 180)

Conversions

Conversions Part 1	
Format	Color
Hex	C693B4
RGB	198, 147, 180
RGB Percent	78%, 58%, 71%
CMY	0.2235, 0.4235, 0.2941
CMYK	0.00, 0.26, 0.09, 0.22
HSL	321°, 31%, 68%
HSV	321°, 26%, 78%
XYZ	41.9606, 36.1685, 47.9497
YIQ	166.0110, 19.8030, 21.0750

Conversions

Conversions Part 2

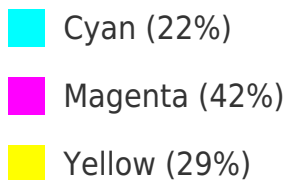
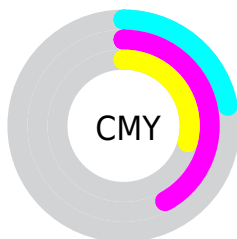
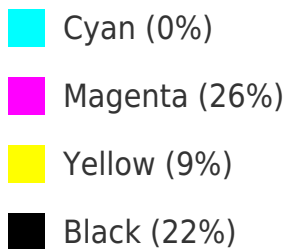
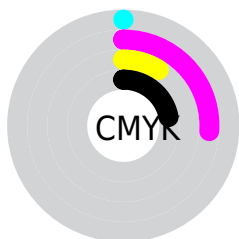
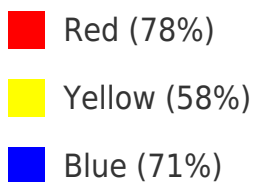
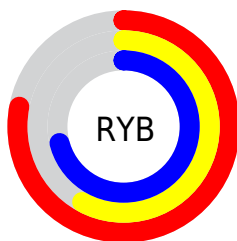
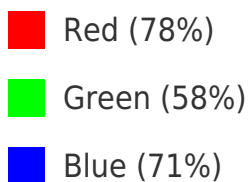
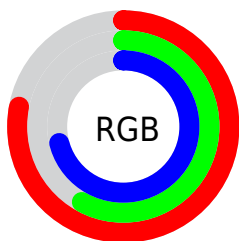
Format	Color
RYB	198, 147, 180
Decimal	13013940
CIELab	66.65, 24.48, -9.66
CIELCh	67, 26.315, 338.453
Yxy	36.1685, 0.3328, 0.2869
Android (android.graphics.Color)	4291204020 (0xFFC693B4)
YUV	166.0110, 6.8966, 28.0544
Hunter-Lab	60.1402, 19.2964, -5.1736

Details

The RGB color **198, 147, 180** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **147, 198, 165**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **255, 201, 236**, and **143, 96, 127** is the 20% darker color. If you saturate the color by 10%, you get **198, 127, 173**, and if you desaturate by 10%, it is **198, 167, 187**.

Distribution



Brightness & Saturation Gradients

These gradients show how the RGB color 198, 147, 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 198, 147, 180 by changing the saturation by 10% instead.

 198, 147, 180


255, 255, 255

 255, 201, 236

 255, 230, 255

 198, 147, 180

 170, 121, 153

 143, 96, 127

 117, 72, 102

 92, 48, 78

 68, 26, 55

 44, 3, 34

 19, 0, 10


 0, 0, 0

 198, 147, 180


 198, 147, 180

 198, 127, 173


 198, 167, 187

 198, 107, 166

 198, 187, 194

 198, 88, 159

 198, 206, 201

 198, 68, 152

 198, 226, 208

 198, 48, 145

 198, 246, 215

 198, 28, 138

 198, 255, 222

 198, 8, 131

 198, 255, 229

 198, 0, 128

 198, 255, 236

 198, 255, 243

Harmonies

Analogous

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



174, 154, 199



198, 147, 180



209, 145, 156

Triad

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



198, 147, 180



172, 163, 115



91, 174, 191

Complementary

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



198, 147, 180



147, 198, 165

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.



97, 175, 168



198, 147, 180



146, 170, 125

Square

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



198, 147, 180



194, 155, 119



119, 174, 144



109, 169, 205

Rectangle

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



198, 147, 180



209, 146, 141



119, 174, 144



90, 175, 184

Sweetspot

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



198, 147, 180



255, 235, 248



165, 147, 198



128, 115, 123



0, 0, 0



128, 128, 128

Same Dimension

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



198, 147, 180



255, 176, 227



198, 147, 155



99, 90, 96



163, 0, 106



36, 0, 23

Inverse Universe

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



198, 147, 180



255, 176, 227



147, 198, 190



99, 90, 96



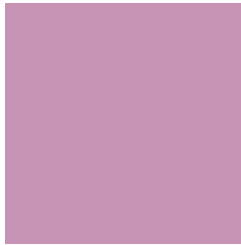
163, 0, 106



36, 0, 23

Previews

White Background



This preview shows how the RGB color 198, 147, 180 looks on a white background.

Color Contrast Check

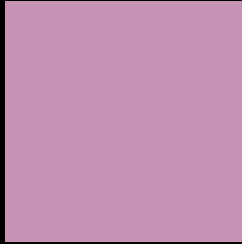
Large Text (above 18pt) WCAG AA × Fail

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 198, 147, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

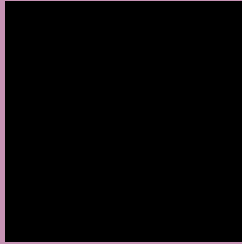
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 198, 147, 180 Background



This preview shows how black text looks on a background with the RGB color 198, 147, 180.



This preview shows how white text looks on a background with the RGB color 198, 147, 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



Original Color

198, 147, 180

Protanopia

157, 161, 189

Deuteranopia





171, 158, 178






Tritanopia

196, 150, 162

Trichromacy

	Original Color 198, 147, 180
	Protanomaly 172, 156, 186
	Deuteranomaly 181, 154, 179
	Tritanomaly 197, 149, 169

Monochromacy

	Original Color 198, 147, 180
	Achromatopsia 166, 166, 166
	Achromatomaly 178, 159, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 198, 147, 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(198, 147, 180) looks like.

```
.text, #text, p{  
    color:rgb(198, 147, 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(198, 147, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 147, 180) }
```

Border

The CSS property to change the border of an element to RGB 198, 147, 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(198, 147, 180) }
```

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

```
.border{ border-color:rgb(198, 147, 180) }
```

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

Here you see how a box with a 4 pixel rgb(198, 147, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 147, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 147, 180);  
box-shadow:4px 4px 4px 4px rgb(198, 147,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 198, 147, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 147, 180) }
```

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

```
.background{ background-color: rgb(198,  
147, 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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