

Converting Colors

RGB(204, 122, 192)

Have a look what the booklet for
RGB(204, 122, 192) contains.

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Color

RGB(204, 122, 192)

Conversions

Conversions Part 1

Format	Color
Hex	CC7AC0
RGB	204, 122, 192
RGB Percent	80%, 48%, 75%
CMY	0.2000, 0.5216, 0.2471
CMYK	0.00, 0.40, 0.06, 0.20
HSL	309°, 45%, 64%
HSV	309°, 40%, 80%
XYZ	41.3758, 30.5622, 53.5875
YIQ	154.4980, 26.4020, 39.1540

Conversions

Conversions Part 2

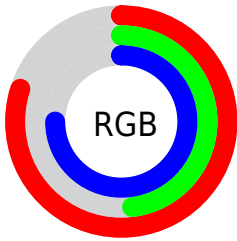
Format	Color
RYB	204, 122, 192
Decimal	13400768
CIELab	62.14, 42.15, -23.19
CIELCh	62, 48.105, 331.182
Yxy	30.5622, 0.3296, 0.2435
Android (android.graphics.Color)	4291590848 (0xFFCC7AC0)
YUV	154.4980, 18.4885, 43.4133
Hunter-Lab	55.2831, 36.8502, -18.7734

Details

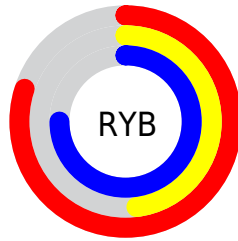
The RGB color **204, 122, 192** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **122, 204, 134**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **255, 176, 249**, and **148, 70, 138** is the 20% darker color. If you saturate the color by 10%, you get **204, 102, 189**, and if you desaturate by 10%, it is **204, 142, 195**.

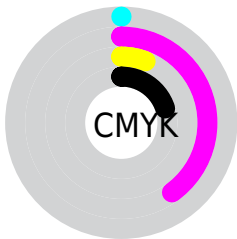
Distribution



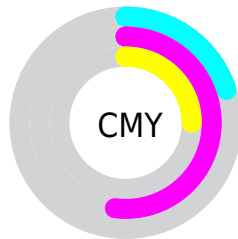
- Red (80%)
- Green (48%)
- Blue (75%)



- Red (80%)
- Yellow (48%)
- Blue (75%)



- Cyan (0%)
- Magenta (40%)
- Yellow (6%)
- Black (20%)




- Cyan (20%)
- Magenta (52%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 122, 192 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 204, 122, 192 by changing the saturation by 10% instead.


 204, 122, 192

 204, 122, 192


255, 255, 255

 176, 96, 165

 255, 176, 249

 148, 70, 138

 255, 204, 255

 121, 45, 113

 255, 233, 255


 95, 17, 88


 70, 0, 64

 47, 0, 42

 10, 0, 20

 0, 0, 0

 204, 122, 192

 204, 122, 192

■ 204, 102, 189

■ 204, 142, 195

■ 204, 81, 186

■ 204, 163, 198

■ 204, 61, 183

■ 204, 183, 201

■ 204, 40, 180

■ 204, 204, 204

■ 204, 20, 177

■ 204, 224, 207

■ 204, 0, 174

■ 204, 244, 210

■ 204, 255, 213

■ 204, 255, 216

■ 204, 255, 219

Harmonies

Analogous

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



155, 138, 223



204, 122, 192



228, 114, 150

Triad

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



204, 122, 192



173, 148, 61



0, 171, 193

Complementary

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



204, 122, 192



122, 204, 134

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, 172, 151



204, 122, 192



130, 161, 74

Square

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



204, 122, 192



207, 133, 76



73, 168, 107



0, 165, 224

Rectangle

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



204, 122, 192



230, 115, 122



73, 168, 107



0, 171, 180

Sweetspot

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



204, 122, 192



255, 224, 251



133, 122, 204



128, 110, 125



0, 0, 0



128, 128, 128

Same Dimension

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



204, 122, 192



255, 133, 237



204, 122, 152



102, 92, 101



166, 0, 141



38, 0, 33

Inverse Universe

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



204, 122, 192



255, 133, 237



122, 204, 174



102, 92, 101



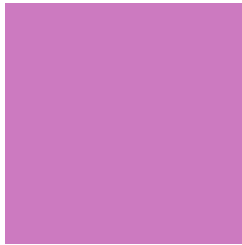
166, 0, 141



38, 0, 33

Previews

White Background



This preview shows how the RGB color 204, 122, 192 looks on a white background.

Color Contrast Check

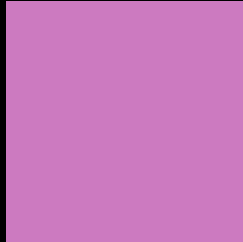
Large Text (above 18pt) WCAG AA × Fail

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 204, 122, 192 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 204, 122, 192 Background



This preview shows how black text looks on a background with the RGB color 204, 122, 192.

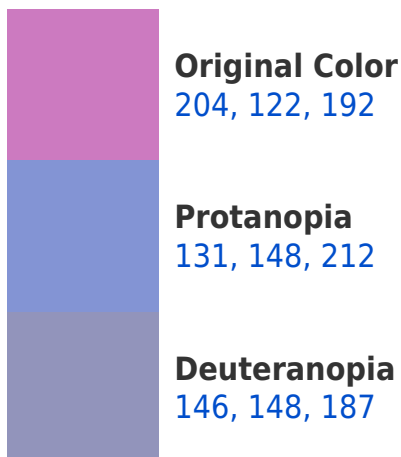



This preview shows how white text looks on a background with the RGB color 204, 122, 192.

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
198, 132, 142

Trichromacy



Original Color

204, 122, 192



Protanomaly

158, 139, 205



Deuteranomaly

167, 139, 189



Tritanomaly

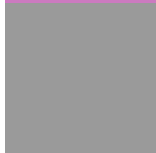
200, 128, 160

Monochromacy



Original Color

204, 122, 192



Achromatopsia

154, 154, 154



Achromatomaly

172, 142, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 122, 192 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(204, 122, 192)` looks like.

```
.text, #text, p{  
    color:rgb(204, 122, 192)  
}
```

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(204, 122, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 122, 192) }
```

Border

The CSS property to change the border of an element to RGB 204, 122, 192 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(204, 122, 192) }
```

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

```
.border{ border-color:rgb(204, 122, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 122, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 122, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 122, 192);  
box-shadow:4px 4px 4px 4px rgb(204, 122,  
192) }
```

Background

The CSS property to change the background color of an element to RGB 204, 122, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 122, 192) }
```

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

```
.background{ background-color: rgb(204,  
122, 192) }
```

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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