

Converting Colors

RGB(204, 122, 159)

Have a look what the booklet for
RGB(204, 122, 159) contains.

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Color

RGB(204, 122, 159)

Conversions

Conversions Part 1

Format	Color
Hex	CC7A9F
RGB	204, 122, 159
RGB Percent	80%, 48%, 62%
CMY	0.2000, 0.5216, 0.3765
CMYK	0.00, 0.40, 0.22, 0.20
HSL	333°, 45%, 64%
HSV	333°, 40%, 80%
XYZ	38.1194, 29.2596, 36.4395
YIQ	150.7360, 36.9950, 28.8910

Conversions

Conversions Part 2

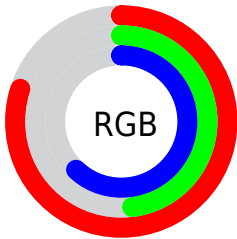
Format	Color
RYB	204, 122, 159
Decimal	13400735
CIELab	61.01, 36.79, -6.08
CIELCh	61, 37.287, 350.614
Yxy	29.2596, 0.3672, 0.2818
Android (android.graphics.Color)	4291590815 (0xFFCC7A9F)
YUV	150.7360, 4.0742, 46.7125
Hunter-Lab	54.0922, 31.1297, -2.0765

Details

The RGB color **204, 122, 159** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **122, 204, 167**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **255, 176, 214**, and **148, 71, 108** is the 20% darker color. If you saturate the color by 10%, you get **204, 102, 148**, and if you desaturate by 10%, it is **204, 142, 170**.

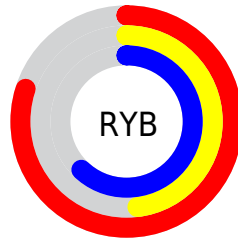
Distribution



Red (80%)

Green (48%)

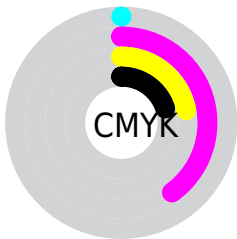
Blue (62%)



Red (80%)

Yellow (48%)

Blue (62%)

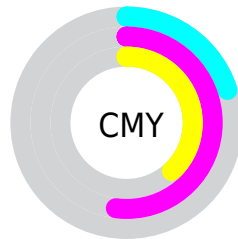


Cyan (0%)

Magenta (40%)

Yellow (22%)

Black (20%)



Cyan (20%)


Magenta (52%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 122, 159 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, 159 by changing the saturation by 10% instead.


 204, 122, 159

255, 255, 255


 255, 176, 214


 255, 204, 242

 255, 232, 255

 204, 122, 159

 176, 96, 133

 148, 71, 108


 121, 46, 83

 95, 20, 60


 69, 0, 39


 47, 0, 18

 0, 0, 0

 204, 122, 159


 204, 102, 148

 204, 122, 159

 204, 142, 170

 204, 81, 137

 204, 163, 181

 204, 61, 125

 204, 183, 193

 204, 40, 114

 204, 204, 204

 204, 20, 103

 204, 224, 215

 204, 0, 92

 204, 244, 226

 204, 255, 237

 204, 255, 249

 204, 255, 255

Harmonies

Analogous

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



178, 130, 189



204, 122, 159



211, 122, 126

Triad

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



204, 122, 159



145, 152, 84



0, 161, 197

Complementary

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



204, 122, 159



122, 204, 167

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, 169



204, 122, 159



107, 160, 104

Square

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



204, 122, 159



177, 142, 82



60, 164, 135



76, 154, 212

Rectangle

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



204, 122, 159



206, 127, 106



60, 164, 135



0, 163, 189

Sweetspot

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



204, 122, 159



255, 224, 238



166, 122, 204



128, 110, 118



0, 0, 0



128, 128, 128

Same Dimension

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



204, 122, 159



255, 133, 188



204, 125, 122



102, 92, 96



166, 0, 75



38, 0, 17

Inverse Universe

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



204, 122, 159



255, 133, 188



122, 201, 204



102, 92, 96



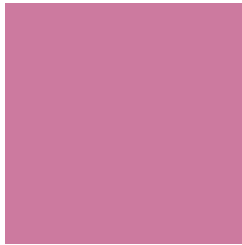
166, 0, 75



38, 0, 17

Previews

White Background



This preview shows how the RGB color 204, 122, 159 looks on a white background.

Color Contrast Check

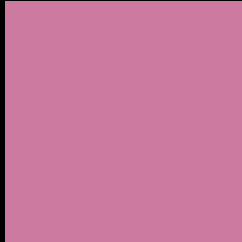
Large Text (above 18pt) WCAG AA ✓ Pass

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 204, 122, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

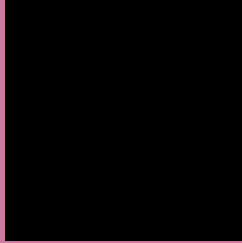
Any Text WCAG AA ✓ Pass

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 204, 122, 159 Background



This preview shows how black text looks on a background with the RGB color 204, 122, 159.



This preview shows how white text looks on a background with the RGB color 204, 122, 159.

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
204, 122, 159

Protanopia
142, 146, 175

Deuteranopia
158, 143, 155



Tritanopia

202, 126, 136

Trichromacy



Original Color
204, 122, 159

Protanomaly
165, 137, 169

Deuteranomaly
175, 135, 156

Tritanomaly
203, 125, 144

Monochromacy



Original Color
204, 122, 159

Achromatopsia
151, 151, 151

Achromatomaly
170, 140, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 122, 159 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, 159) looks like.

```
.text, #text, p{  
    color:rgb(204, 122, 159)  
}
```

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, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 122, 159) }
```

Border

The CSS property to change the border of an element to RGB 204, 122, 159 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, 159) }
```

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

```
.border{ border-color:rgb(204, 122, 159) }
```

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, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 122, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 122, 159); box-shadow:4px 4px 4px 4px rgb(204, 122, 159) }
```

Background

The CSS property to change the background color of an element to RGB 204, 122, 159 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, 159) }
```

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

```
.background{ background-color: rgb(204,  
122, 159) }
```

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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