

Converting Colors

RGB(203, 129, 192)

Have a look what the booklet for
RGB(203, 129, 192) contains.

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Color

RGB(203, 129, 192)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CB81C0 |
| RGB | 203, 129, 192 |
| RGB Percent | 80%, 51%, 75% |
| CMY | 0.2039, 0.4941, 0.2471 |
| CMYK | 0.00, 0.36, 0.05, 0.20 |
| HSL | 309°, 42%, 65% |
| HSV | 309°, 36%, 80% |
| XYZ | 41.9933, 32.2028, 53.8716 |
| YIQ | 158.3080, 23.8810, 35.2810 |

Conversions

Conversions Part 2

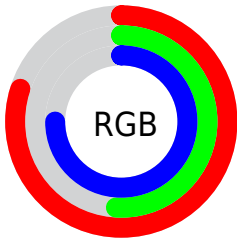
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 203, 129, 192 |
| Decimal | 13337024 |
| CIE Lab | 63.51, 38.10, -21.10 |
| CIE LCh | 64, 43.553, 331.026 |
| Yxy | 32.2028, 0.3279, 0.2515 |
| Android (android.graphics.Color) | 4291527104 (0xFFCB81C0) |
| YUV | 158.3080, 16.6102, 39.1949 |
| Hunter-Lab | 56.7475, 32.7823, -16.5620 |

Details

The RGB color **203, 129, 192** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **129, 203, 140**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **255, 183, 249**, and **148, 78, 138** is the 20% darker color. If you saturate the color by 10%, you get **203, 109, 189**, and if you desaturate by 10%, it is **203, 149, 195**.

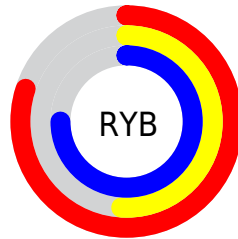
Distribution



Red (80%)

Green (51%)

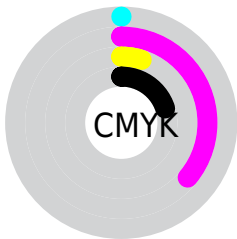
Blue (75%)



Red (80%)

Yellow (51%)

Blue (75%)

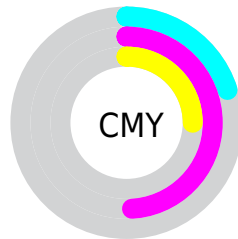


Cyan (0%)

Magenta (36%)

Yellow (5%)

Black (20%)



Cyan (20%)

Magenta (49%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the RGB color 203, 129, 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 203, 129, 192 by changing the saturation by 10% instead.

 203, 129, 192

 203, 129, 192


255, 255, 255

 175, 103, 165

 255, 183, 249

 148, 78, 138

 255, 211, 255

 121, 53, 113

 255, 240, 255

 95, 28, 88


 70, 0, 65

 46, 0, 42

 14, 0, 21

 0, 0, 0

 203, 129, 192


 203, 129, 192

 203, 109, 189


 203, 149, 195

 203, 88, 186


 203, 170, 198

 203, 68, 183

 203, 190, 201

 203, 48, 180


 203, 210, 204

 203, 27, 177

 203, 231, 207

 203, 7, 174

 203, 251, 210

 203, 0, 173

 203, 255, 213

 203, 255, 216

 203, 255, 219

Harmonies

Analogous

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



159, 143, 220



203, 129, 192



225, 122, 154

Triad

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



203, 129, 192



176, 152, 74



0, 173, 193

Complementary

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



203, 129, 192



129, 203, 140

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, 174, 154



203, 129, 192



136, 163, 85

Square

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



203, 129, 192



207, 138, 87



87, 171, 115



0, 168, 221

Rectangle

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



203, 129, 192



227, 123, 128



87, 171, 115



0, 174, 180

Sweetspot

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



203, 129, 192



255, 227, 251



139, 129, 203



128, 111, 125



0, 0, 0



128, 128, 128

Same Dimension

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



203, 129, 192



255, 143, 238



203, 129, 156



102, 92, 100



166, 0, 141



38, 0, 33

Inverse Universe

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



203, 129, 192



255, 143, 238



129, 203, 176



102, 92, 100



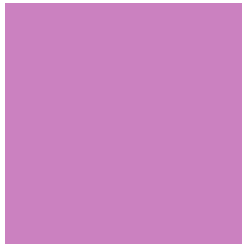
166, 0, 141



38, 0, 33

Previews

White Background



This preview shows how the RGB color 203, 129, 192 looks on a white background.

Color Contrast Check

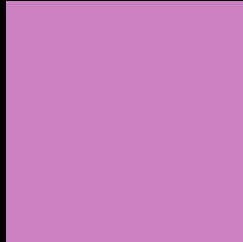
Large Text (above 18pt) WCAG AA × Fail

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 203, 129, 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 203, 129, 192 Background



This preview shows how black text looks on a background with the RGB color 203, 129, 192.

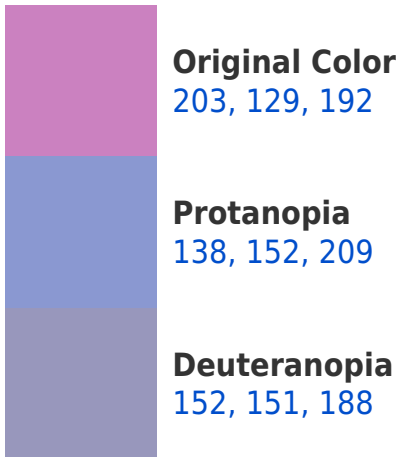



This preview shows how white text looks on a background with the RGB color 203, 129, 192.

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, 138, 148

Trichromacy



Original Color
203, 129, 192

Protanomaly
162, 144, 203

Deuteranomaly
171, 143, 189

Tritanomaly
200, 135, 164

Monochromacy



Original Color
203, 129, 192

Achromatopsia
158, 158, 158

Achromatomaly
174, 147, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 129, 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(203, 129, 192)` looks like.

```
.text, #text, p{  
    color:rgb(203, 129, 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(203, 129, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 129, 192) }
```

Border

The CSS property to change the border of an element to RGB 203, 129, 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(203, 129, 192) }
```

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

```
.border{ border-color:rgb(203, 129, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 129, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 129, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 129, 192);  
box-shadow:4px 4px 4px 4px rgb(203, 129,  
192) }
```

Background

The CSS property to change the background color of an element to RGB 203, 129, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 129, 192) }
```

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

```
.background{ background-color: rgb(203,  
129, 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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