

# Converting Colors

RGB(203, 129, 175)

Have a look what the booklet for  
RGB(203, 129, 175) contains.

<b>RGB(203, 129, 175)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**RGB(203, 129, 175)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CB81AF
RGB	203, 129, 175
RGB Percent	80%, 51%, 69%
CMY	0.2039, 0.4941, 0.3137
CMYK	0.00, 0.36, 0.14, 0.20
HSL	323°, 42%, 65%
HSV	323°, 36%, 80%
XYZ	40.2167, 31.4922, 44.5164
YIQ	156.3700, 29.3380, 29.9940

# Conversions

## Conversions Part 2

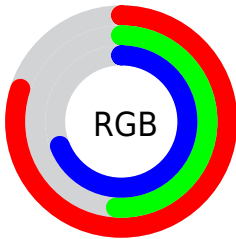
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 129, 175
Decimal	13337007
CIE Lab	62.92, 35.19, -12.37
CIE LCh	63, 37.304, 340.635
Yxy	31.4922, 0.3460, 0.2710
Android (android.graphics.Color)	4291527087 (0xFFCB81AF)
YUV	156.3700, 9.1846, 40.8945
Hunter-Lab	56.1179, 29.7152, -7.7502

# Details

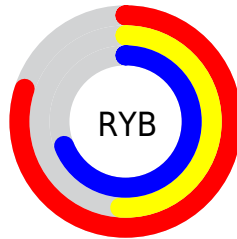
The RGB color **203, 129, 175** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **129, 203, 157**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **255, 183, 231**, and **147, 78, 123** is the 20% darker color. If you saturate the color by 10%, you get **203, 109, 167**, and if you desaturate by 10%, it is **203, 149, 183**.

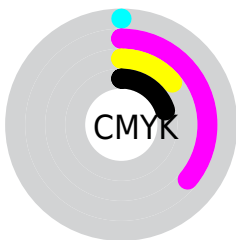
# Distribution



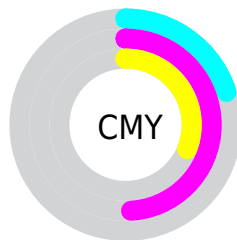
- Red (80%)
- Green (51%)
- Blue (69%)



- Red (80%)
- Yellow (51%)
- Blue (69%)



- Cyan (0%)
- Magenta (36%)
- Yellow (14%)
- Black (20%)



- Cyan (20%)
- Magenta (49%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 203, 129, 175 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, 175 by changing the saturation by 10% instead.



 203, 129, 175

 203, 129, 175


255, 255, 255

 175, 103, 148

 255, 183, 231

 147, 78, 123

 255, 211, 255

 121, 53, 98

 255, 240, 255

 95, 29, 74

 70, 1, 51

 47, 0, 30

 12, 0, 1


 0, 0, 0

 203, 129, 175


 203, 129, 175


 203, 109, 167


 203, 149, 183

 203, 88, 160


 203, 170, 190

 203, 68, 152

 203, 190, 198

 203, 48, 144

 203, 210, 206

 203, 27, 137

 203, 231, 213

 203, 7, 129

 203, 251, 221

 203, 0, 126

 203, 255, 229

 203, 255, 236

 203, 255, 244

# Harmonies

## Analogous

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



171, 139, 203



203, 129, 175



216, 126, 142

# Triad

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



203, 129, 175



162, 154, 86



0, 168, 194

# Complementary

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



203, 129, 175



129, 203, 157

# 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.



19, 170, 163



203, 129, 175



126, 163, 101

# Square

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



203, 129, 175



192, 143, 90



83, 168, 129



58, 162, 214

# Rectangle

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



203, 129, 175



215, 129, 120



83, 168, 129



0, 169, 185



# Sweetspot

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



203, 129, 175



255, 227, 244



156, 129, 203



128, 111, 121



0, 0, 0



128, 128, 128



# Same Dimension

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



203, 129, 175



255, 143, 213



203, 129, 139



102, 92, 98



166, 0, 103



38, 0, 24



# Inverse Universe

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



203, 129, 175



255, 143, 213



129, 203, 193



102, 92, 98



166, 0, 103

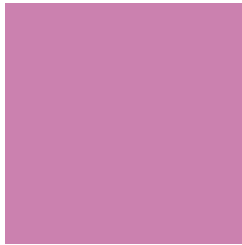


38, 0, 24



# Previews

## White Background



This preview shows how the RGB color 203, 129, 175 looks on a white background.

## Color Contrast Check

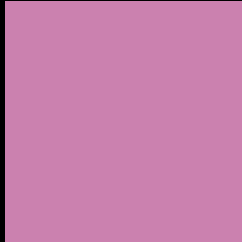
Large Text (above 18pt) WCAG AA × Fail

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, 175 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, 175 Background



This preview shows how black text looks on a background with the RGB color 203, 129, 175.

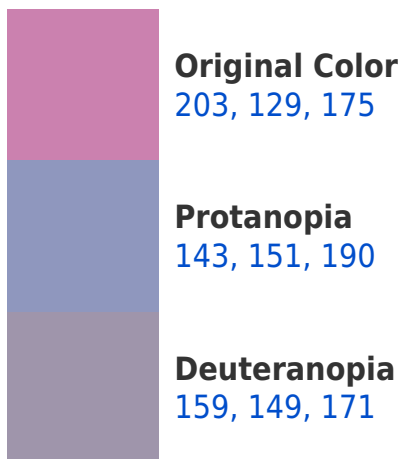


This preview shows how white text looks on a background with the RGB color 203, 129, 175.

# 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**  
200, 135, 145

# Trichromacy



**Original Color**  
203, 129, 175

**Protanomaly**  
165, 143, 185

**Deuteranomaly**  
175, 142, 172

**Tritanomaly**  
201, 133, 156

# Monochromacy



**Original Color**  
203, 129, 175

**Achromatopsia**  
156, 156, 156

**Achromatomaly**  
173, 146, 163

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 203, 129, 175 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(203, 129, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 129, 175) }
```

## Border

The CSS property to change the border of an element to RGB 203, 129, 175 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, 175) }
```

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

```
.border{ border-color:rgb(203, 129, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 129, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 129, 175);  
box-shadow:4px 4px 4px 4px rgb(203, 129,  
175) }
```

# Background

The CSS property to change the background color of an element to RGB 203, 129, 175 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, 175) }
```

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

```
.background{ background-color: rgb(203,  
129, 175) }
```

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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