

# Converting Colors

RGB(202, 124, 207)

Have a look what the booklet for  
RGB(202, 124, 207) contains.

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# **Color**

**RGB(202, 124, 207)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CA7CCF
RGB	202, 124, 207
RGB Percent	79%, 49%, 81%
CMY	0.2078, 0.5137, 0.1882
CMYK	0.02, 0.40, 0.00, 0.19
HSL	296°, 46%, 65%
HSV	296°, 40%, 81%
XYZ	42.8273, 31.4769, 62.8499
YIQ	156.7840, 19.8450, 42.3490

# Conversions

## Conversions Part 2

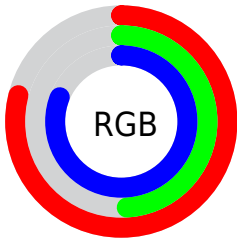
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	202, 124, 207
Decimal	13270223
CIE <sub>Lab</sub>	62.91, 43.20, -30.48
CIE <sub>LCh</sub>	63, 52.869, 324.799
Yxy	31.4769, 0.3123, 0.2295
Android (android.graphics.Color)	4291460303 (0xFFCA7CCF)
YUV	156.7840, 24.7565, 39.6544
Hunter-Lab	56.1042, 38.0758, -27.1457

# Details

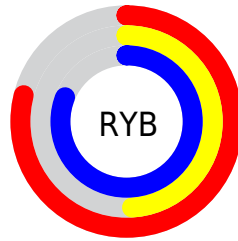
The RGB color **202, 124, 207** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **129, 207, 124**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **255, 178, 255**, and **146, 72, 152** is the 20% darker color. If you saturate the color by 10%, you get **201, 103, 207**, and if you desaturate by 10%, it is **203, 145, 207**.

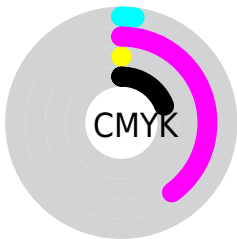
# Distribution



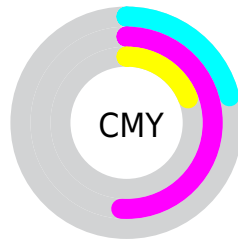
- Red (79%)
- Green (49%)
- Blue (81%)



- Red (79%)
- Yellow (49%)
- Blue (81%)



- Cyan (2%)
- Magenta (40%)
- Yellow (0%)
- Black (19%)




- Cyan (21%)
- Magenta (51%)
- Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the RGB color 202, 124, 207 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 202, 124, 207 by changing the saturation by 10% instead.



 202, 124, 207

 202, 124, 207

255, 255, 255

 174, 98, 179

 255, 178, 255

 146, 72, 152

 255, 206, 255


 119, 47, 126

 255, 235, 255

 93, 20, 101

 68, 0, 77


 45, 0, 54


 11, 0, 31


 0, 0, 2

 0, 0, 0


 202, 124, 207


 202, 124, 207


 201, 103, 207

 203, 145, 207

 200, 83, 207


 204, 165, 207

 198, 62, 207

 206, 186, 207

 197, 41, 207


 207, 207, 207

 196, 20, 207

 208, 228, 207

 195, 0, 207

 209, 248, 207

 211, 255, 207

 212, 255, 207

 213, 255, 207

# Harmonies

## Analogous

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



141, 143, 238



202, 124, 207



234, 111, 162

# Triad

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



202, 124, 207



185, 147, 54



0, 175, 190

# Complementary

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



202, 124, 207



129, 207, 124

# 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, 175, 142



202, 124, 207



140, 161, 62

# Square

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



202, 124, 207



220, 129, 76



81, 170, 96



0, 170, 228

# Rectangle

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



202, 124, 207



239, 111, 131



81, 170, 96



0, 176, 175



# Sweetspot

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



202, 124, 207



253, 224, 255



124, 130, 207



126, 110, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



202, 124, 207



248, 133, 255



207, 124, 171



104, 94, 105



158, 0, 168



38, 0, 41



# Inverse Universe

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



207, 124, 129



255, 133, 140



124, 207, 160



105, 94, 95



168, 0, 10

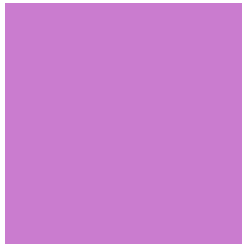


41, 0, 2



# Previews

## White Background



This preview shows how the RGB color 202, 124, 207 looks on a white background.

## Color Contrast Check

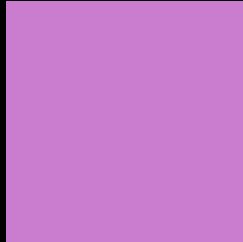
Large Text (above 18pt) WCAG AA × Fail

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 202, 124, 207 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 202, 124, 207 Background



This preview shows how black text looks on a background with the RGB color 202, 124, 207.

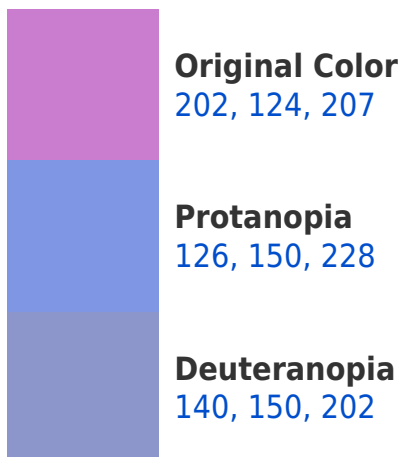



This preview shows how white text looks on a background with the RGB color 202, 124, 207.

# 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](#).

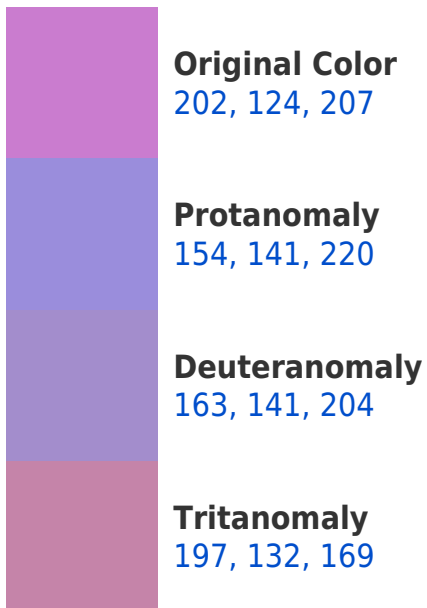
## Dichromacy



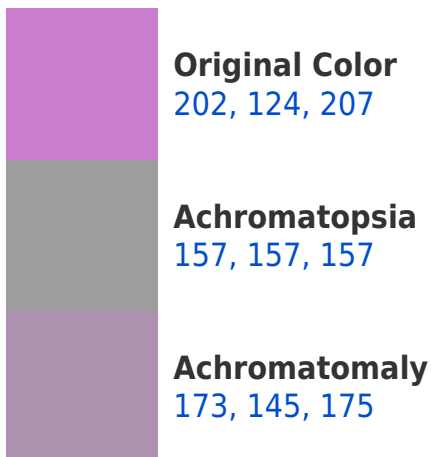


**Tritanopia**  
194, 137, 147

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to RGB 202, 124, 207 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(202, 124, 207) looks like.

```
.text, #text, p{  
    color:rgb(202, 124, 207)  
}
```

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(202, 124, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 124, 207) }
```

## Border

The CSS property to change the border of an element to RGB 202, 124, 207 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(202, 124, 207) }
```

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

```
.border{ border-color:rgb(202, 124, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 124, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 124, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 124, 207); box-shadow:4px 4px 4px 4px rgb(202, 124, 207) }
```

# Background

The CSS property to change the background color of an element to RGB 202, 124, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 124, 207) }
```

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

```
.background{ background-color: rgb(202,  
124, 207) }
```

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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