

# Converting Colors

RGB(212, 162, 220)

Have a look what the booklet for  
RGB(212, 162, 220) contains.

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# Color

**RGB(212, 162, 220)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4A2DC
RGB	212, 162, 220
RGB Percent	83%, 64%, 86%
CMY	0.1686, 0.3647, 0.1373
CMYK	0.04, 0.26, 0.00, 0.14
HSL	292°, 45%, 75%
HSV	292°, 26%, 86%
XYZ	52.9900, 45.0050, 73.6041
YIQ	183.5620, 11.1820, 28.6380

# Conversions

## Conversions Part 2

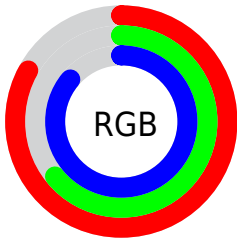
Format	Color
R <sub>Y</sub> B	212, 162, 220
Decimal	13935324
CIE Lab	72.90, 28.35, -22.26
CIE LCh	73, 36.043, 321.861
Yxy	45.0050, 0.3088, 0.2623
Android (android.graphics.Color)	4292125404 (0xFFD4A2DC)
YUV	183.5620, 17.9639, 24.9401
Hunter-Lab	67.0858, 23.5942, -18.0908

# Details

The RGB color **212, 162, 220** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **170, 220, 162**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **255, 217, 255**, and **157, 110, 165** is the 20% darker color. If you saturate the color by 10%, you get **209, 140, 220**, and if you desaturate by 10%, it is **215, 184, 220**.

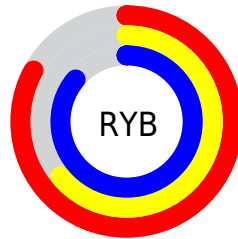
# Distribution



Red (83%)

Green (64%)

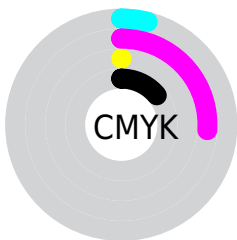
Blue (86%)



Red (83%)

Yellow (64%)

Blue (86%)

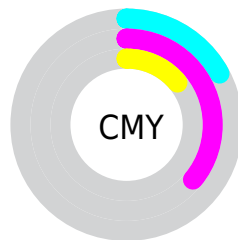


Cyan (4%)

Magenta (26%)

Yellow (0%)

Black (14%)



Cyan (17%)

Magenta (36%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 212, 162, 220 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 212, 162, 220 by changing the saturation by 10% instead.



 212, 162, 220

 212, 162, 220


255, 255, 255

 184, 135, 192


 255, 217, 255


 157, 110, 165

 255, 246, 255

 130, 85, 138

 104, 61, 113


 80, 38, 88


 56, 15, 65


 35, 0, 42

 0, 1, 21

 0, 0, 0

 212, 162, 220


 212, 162, 220

 209, 140, 220


 215, 184, 220

 206, 118, 220

 218, 206, 220

 203, 96, 220

 221, 228, 220

 200, 74, 220

 224, 250, 220

 197, 52, 220

 227, 255, 220

 194, 30, 220

 230, 255, 220

 191, 8, 220

 233, 255, 220

 190, 0, 220

 236, 255, 220

 239, 255, 220

# Harmonies

## Analogous

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



170, 174, 240



212, 162, 220



237, 154, 189

# Triad

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



212, 162, 220



209, 174, 114



62, 197, 202

# Complementary

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



212, 162, 220



170, 220, 162

# 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.



98, 196, 168



212, 162, 220



177, 184, 117

# Square

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



212, 162, 220



233, 163, 128



139, 192, 137



69, 193, 230

# Rectangle

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



212, 162, 220



244, 154, 167



139, 192, 137



72, 197, 191



# Sweetspot

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



212, 162, 220



252, 235, 255



162, 171, 220



126, 115, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



212, 162, 220



244, 173, 255



220, 162, 200



108, 99, 110



149, 0, 173



40, 0, 46



# Inverse Universe

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



220, 162, 170



255, 173, 185



162, 220, 182



110, 99, 100



173, 0, 24



46, 0, 6



# Previews

## White Background



This preview shows how the RGB color 212, 162, 220 looks on a white background.

## Color Contrast Check

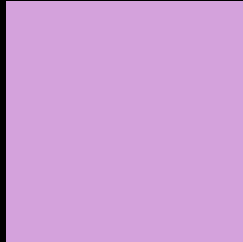
Large Text (above 18pt) WCAG AA × Fail

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 212, 162, 220 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 212, 162, 220 Background



This preview shows how black text looks on a background with the RGB color 212, 162, 220.

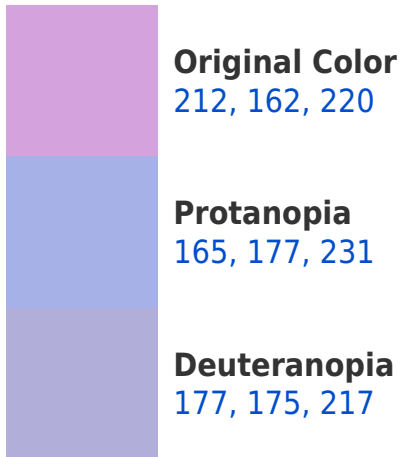


This preview shows how white text looks on a background with the RGB color 212, 162, 220.

# 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**  
207, 169, 182

# Trichromacy



**Original Color**  
212, 162, 220

**Protanomaly**  
182, 172, 227

**Deuteranomaly**  
190, 170, 218

**Tritanomaly**  
209, 166, 196

# Monochromacy



**Original Color**  
212, 162, 220

**Achromatopsia**  
184, 184, 184

**Achromatomaly**  
194, 176, 197

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 212, 162, 220 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(212, 162, 220)` looks like.

```
.text, #text, p{  
    color:rgb(212, 162, 220)  
}
```

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(212, 162, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 162, 220) }
```

## Border

The CSS property to change the border of an element to RGB 212, 162, 220 is called "border". The border property can be set on classes, ids or directly on the HTML element.

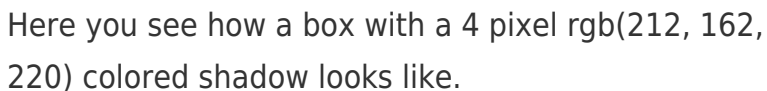
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(212, 162, 220) }
```

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

```
.border{ border-color:rgb(212, 162, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(212, 162, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 162, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 162, 220); box-shadow:4px 4px 4px 4px rgb(212, 162, 220) }
```

# Background

The CSS property to change the background color of an element to RGB 212, 162, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 162, 220) }
```

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

```
.background{ background-color: rgb(212,  
162, 220) }
```

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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