

# Converting Colors

RGB(218, 164, 233)

Have a look what the booklet for  
RGB(218, 164, 233) contains.

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# **Color**

**RGB(218, 164, 233)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAA4E9
RGB	218, 164, 233
RGB Percent	85%, 64%, 91%
CMY	0.1451, 0.3569, 0.0863
CMYK	0.06, 0.30, 0.00, 0.09
HSL	287°, 61%, 78%
HSV	287°, 30%, 91%
XYZ	56.8969, 47.3395, 83.2294
YIQ	188.0120, 10.0350, 32.9070

# Conversions

## Conversions Part 2

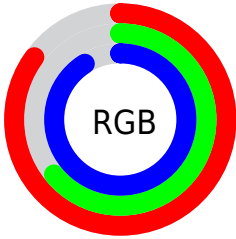
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	218, 164, 233
Decimal	14329065
CIE Lab	74.41, 31.71, -26.99
CIE LCh	74, 41.643, 319.593
Yxy	47.3395, 0.3035, 0.2525
Android (android.graphics.Color)	4292519145 (0xFFDAA4E9)
YUV	188.0120, 22.1791, 26.2995
Hunter-Lab	68.8037, 27.2031, -23.5584

# Details

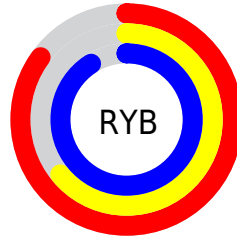
The RGB color **218, 164, 233** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **179, 233, 164**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **255, 219, 255**, and **162, 111, 177** is the 20% darker color. If you saturate the color by 10%, you get **213, 141, 233**, and if you desaturate by 10%, it is **223, 187, 233**.

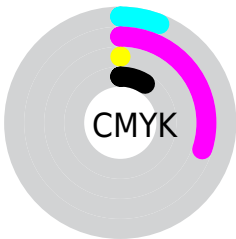
# Distribution



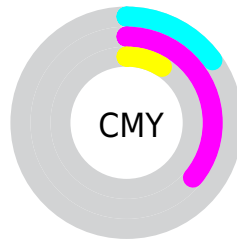
- Red (85%)
- Green (64%)
- Blue (91%)



- Red (85%)
- Yellow (64%)
- Blue (91%)



- Cyan (6%)
- Magenta (30%)
- Yellow (0%)
- Black (9%)



- Cyan (15%)
- Magenta (36%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 218, 164, 233 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 218, 164, 233 by changing the saturation by 10% instead.



 218, 164, 233

 218, 164, 233

255, 255, 255

 190, 137, 205

 255, 219, 255

 162, 111, 177

 255, 248, 255

 135, 86, 150

 109, 62, 124

 84, 39, 99

 60, 15, 75


 37, 0, 52


 0, 0, 30

 0, 0, 0

 218, 164, 233


 218, 164, 233

 213, 141, 233

 223, 187, 233

 208, 117, 233

 228, 211, 233

 203, 94, 233

 233, 234, 233

 198, 71, 233

 238, 255, 233

 193, 48, 233

 243, 255, 233

 188, 24, 233

 248, 255, 233

 183, 1, 233

 253, 255, 233

 182, 0, 233

 255, 255, 233

# Harmonies

## Analogous

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



167, 178, 255



218, 164, 233



249, 154, 198

# Triad

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



218, 164, 233



220, 176, 107



1, 203, 207

# Complementary

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



218, 164, 233



179, 233, 164

# 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.



87, 203, 168



218, 164, 233



183, 189, 109

# Square

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



218, 164, 233



246, 163, 126



139, 198, 132



0, 199, 240

# Rectangle

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



218, 164, 233



255, 153, 172



139, 198, 132



42, 203, 194



# Sweetspot

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



218, 164, 233



250, 232, 255



164, 180, 233



124, 113, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



218, 164, 233



235, 163, 255



233, 164, 215



115, 106, 117



142, 0, 181



42, 0, 54



# Inverse Universe

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



233, 164, 179



255, 163, 183



164, 233, 182



117, 106, 108



181, 0, 39

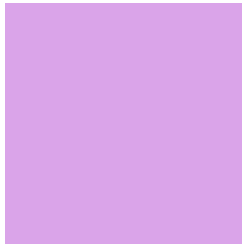


54, 0, 12



# Previews

## White Background



This preview shows how the RGB color 218, 164, 233 looks on a white background.

## Color Contrast Check

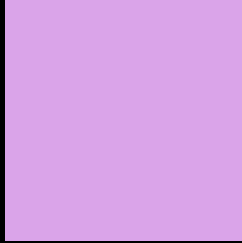
Large Text (above 18pt) WCAG AA × Fail

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 218, 164, 233 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

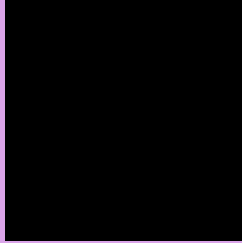
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 218, 164, 233 Background



This preview shows how black text looks on a background with the RGB color 218, 164, 233.

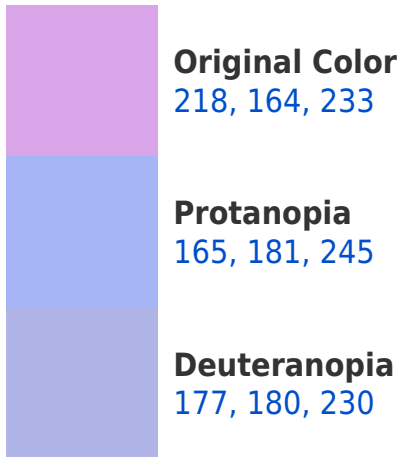



This preview shows how white text looks on a background with the RGB color 218, 164, 233.

# 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**  
211, 173, 186

# Trichromacy



**Original Color**

218, 164, 233



**Protanomaly**

184, 175, 241



**Deuteranomaly**

192, 174, 231



**Tritanomaly**

214, 170, 203

# Monochromacy



**Original Color**

218, 164, 233



**Achromatopsia**

188, 188, 188



**Achromatomaly**

199, 179, 204

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 218, 164, 233 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(218, 164, 233)` looks like.

```
.text, #text, p{  
    color:rgb(218, 164, 233)  
}
```

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(218, 164, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 164, 233) }
```

## Border

The CSS property to change the border of an element to RGB 218, 164, 233 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(218, 164, 233) }
```

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

```
.border{ border-color:rgb(218, 164, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 164, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 164, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 164, 233); box-shadow:4px 4px 4px 4px rgb(218, 164, 233) }
```

# Background

The CSS property to change the background color of an element to RGB 218, 164, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 164, 233) }
```

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

```
.background{ background-color: rgb(218,  
164, 233) }
```

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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