

# Converting Colors

RGB(213, 163, 246)

Have a look what the booklet for  
RGB(213, 163, 246) contains.

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# Color

**RGB(213, 163, 246)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5A3F6
RGB	213, 163, 246
RGB Percent	84%, 64%, 96%
CMY	0.1647, 0.3608, 0.0353
CMYK	0.13, 0.34, 0.00, 0.04
HSL	276°, 82%, 80%
HSV	276°, 34%, 96%
XYZ	57.1723, 46.9943, 93.2463
YIQ	187.4120, 3.1570, 36.4130

# Conversions

## Conversions Part 2

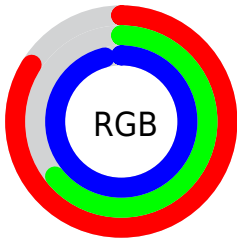
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	213, 163, 246
Decimal	14001142
CIE <sub>Lab</sub>	74.19, 33.34, -34.43
CIE <sub>LCh</sub>	74, 47.928, 314.074
Y <sub>xy</sub>	46.9943, 0.2896, 0.2381
Android (android.graphics.Color)	4292191222 (0xFFD5A3F6)
Y <sub>UV</sub>	187.4120, 28.8839, 22.4407
Hunter-Lab	68.5524, 28.9012, -32.6607

# Details

The RGB color **213, 163, 246** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **196, 246, 163**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 218, 255**, and **157, 111, 189** is the 20% darker color. If you saturate the color by 10%, you get **203, 138, 246**, and if you desaturate by 10%, it is **223, 188, 246**.

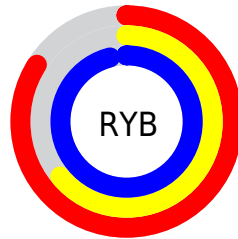
# Distribution



Red (84%)

Green (64%)

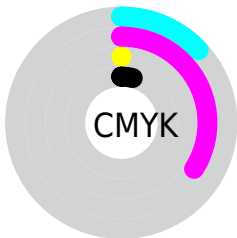
Blue (96%)



Red (84%)

Yellow (64%)

Blue (96%)

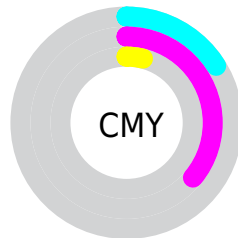


Cyan (13%)

Magenta (34%)

Yellow (0%)

Black (4%)



Cyan (16%)

Magenta (36%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 213, 163, 246 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 213, 163, 246 by changing the saturation by 10% instead.



 213, 163, 246

255, 255, 255


 255, 218, 255

 255, 247, 255

 213, 163, 246

 185, 136, 217

 157, 111, 189

 130, 86, 162


 104, 61, 136

 79, 38, 110

 54, 14, 85


 30, 0, 62


 0, 0, 39

 0, 1, 16

 213, 163, 246

 213, 163, 246

 203, 138, 246


 223, 188, 246

 193, 114, 246

 233, 212, 246

 184, 89, 246


 242, 237, 246

 174, 65, 246

 252, 255, 246

 164, 40, 246

 255, 255, 246

 154, 15, 246

 148, 0, 246

# Harmonies

## Analogous

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



149, 180, 255



213, 163, 246



253, 150, 208

# Triad

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



213, 163, 246



230, 172, 97



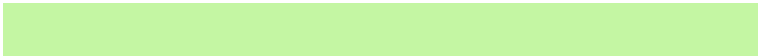
0, 205, 202

# Complementary

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



213, 163, 246



196, 246, 163

# 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.



76, 204, 157



213, 163, 246



189, 186, 94

# Square

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



213, 163, 246



255, 156, 123



140, 197, 117



0, 202, 242

# Rectangle

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



213, 163, 246



255, 146, 178



140, 197, 117



0, 205, 187



# Sweetspot

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



213, 163, 246



245, 230, 255



163, 196, 246



121, 112, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



213, 163, 246



214, 153, 255



246, 163, 238



118, 110, 122



112, 0, 186



35, 0, 59



# Inverse Universe

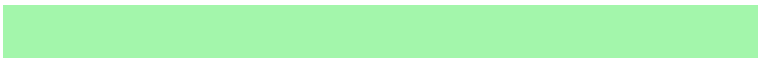
The Inverse Universe completely reimagines the original color for something new.



246, 163, 196



255, 153, 194



163, 246, 171



122, 110, 115



186, 0, 74

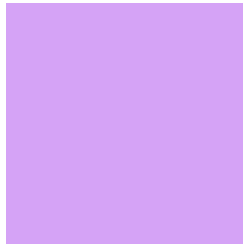


59, 0, 23



# Previews

## White Background



This preview shows how the RGB color 213, 163, 246 looks on a white background.

## Color Contrast Check

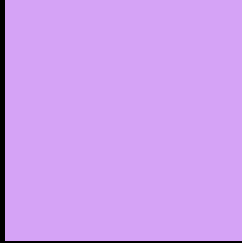
Large Text (above 18pt) WCAG AA × Fail

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 213, 163, 246 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 213, 163, 246 Background



This preview shows how black text looks on a background with the RGB color 213, 163, 246.

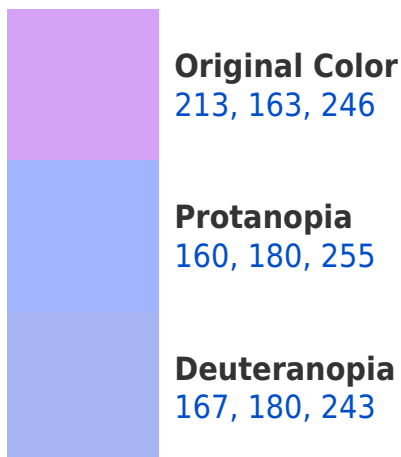



This preview shows how white text looks on a background with the RGB color 213, 163, 246.

# 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**  
204, 175, 188

# Trichromacy



**Original Color**

213, 163, 246



**Protanomaly**

179, 174, 252



**Deuteranomaly**

184, 174, 244



**Tritanomaly**

207, 171, 209

# Monochromacy



**Original Color**

213, 163, 246



**Achromatopsia**

187, 187, 187



**Achromatomaly**

196, 178, 208

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 213, 163, 246 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(213, 163, 246)` looks like.

```
.text, #text, p{  
    color:rgb(213, 163, 246)  
}
```

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(213, 163, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 163, 246) }
```

## Border

The CSS property to change the border of an element to RGB 213, 163, 246 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(213, 163, 246) }
```

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

```
.border{ border-color:rgb(213, 163, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 163, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 163, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 163, 246);  
box-shadow:4px 4px 4px 4px rgb(213, 163,  
246) }
```

# Background

The CSS property to change the background color of an element to RGB 213, 163, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 163, 246) }
```

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

```
.background{ background-color: rgb(213,  
163, 246) }
```

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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