

# Converting Colors

RGB(212, 145, 245)

Have a look what the booklet for  
RGB(212, 145, 245) contains.

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# Color

**RGB(212, 145, 245)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D491F5
RGB	212, 145, 245
RGB Percent	83%, 57%, 96%
CMY	0.1686, 0.4314, 0.0392
CMYK	0.13, 0.41, 0.00, 0.04
HSL	280°, 83%, 76%
HSV	280°, 41%, 96%
XYZ	53.7582, 40.8404, 91.4358
YIQ	176.4330, 7.8320, 45.3040

# Conversions

## Conversions Part 2

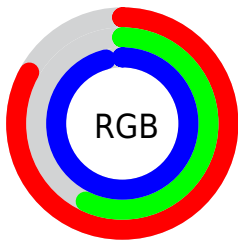
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	212, 145, 245
Decimal	13930997
CIE Lab	70.06, 42.53, -40.30
CIE LCh	70, 58.594, 316.540
Yxy	40.8404, 0.2890, 0.2195
Android (android.graphics.Color)	4292121077 (0xFFD491F5)
YUV	176.4330, 33.8035, 31.1923
Hunter-Lab	63.9065, 38.3180, -40.0961

# Details

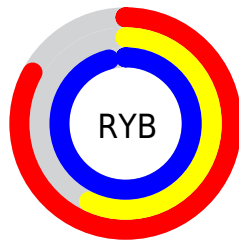
The RGB color `212, 145, 245` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `178, 245, 145`, and the grayscale version is `176, 176, 176`.

A 20% lighter version of the original color is `255, 200, 255`, and `156, 93, 188` is the 20% darker color. If you saturate the color by 10%, you get `204, 120, 245`, and if you desaturate by 10%, it is `220, 169, 245`.

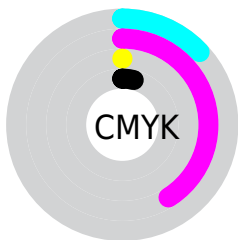
# Distribution



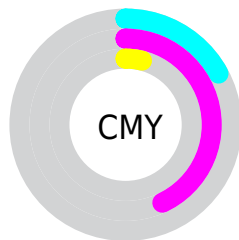
- Red (83%)
- Green (57%)
- Blue (96%)



- Red (83%)
- Yellow (57%)
- Blue (96%)



- Cyan (13%)
- Magenta (41%)
- Yellow (0%)
- Black (4%)



- Cyan (17%)
- Magenta (43%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 212, 145, 245 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, 145, 245 by changing the saturation by 10% instead.





 212, 145, 245

255, 255, 255

 255, 200, 255

 255, 228, 255

 212, 145, 245

 184, 119, 216

 156, 93, 188

 128, 68, 161

 102, 43, 134


 76, 16, 109

 50, 0, 84


 30, 0, 60


 0, 2, 37


 0, 1, 14


 212, 145, 245


 212, 145, 245

 204, 120, 245

 220, 169, 245

 196, 96, 245

 228, 194, 245

 188, 71, 245

 236, 219, 245

 180, 47, 245

 244, 243, 245

 172, 22, 245

 252, 255, 245

 164, 0, 245

 255, 255, 245

# Harmonies

## Analogous

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



131, 167, 255



212, 145, 245



255, 127, 198

# Triad

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



212, 145, 245



221, 160, 64



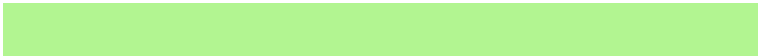
0, 198, 200

# Complementary

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



212, 145, 245



178, 245, 145

# 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, 196, 145



212, 145, 245



172, 178, 62

# Square

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



212, 145, 245



255, 140, 96



111, 190, 95



0, 194, 247

# Rectangle

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



212, 145, 245



255, 123, 162



111, 190, 95



0, 198, 182



# Sweetspot

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



212, 145, 245



245, 224, 255



145, 178, 245



122, 110, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



212, 145, 245



214, 130, 255



245, 145, 228



118, 110, 122



125, 0, 186



39, 0, 59



# Inverse Universe

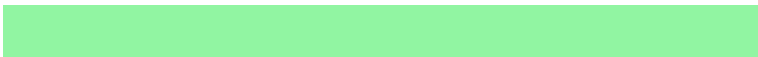
The Inverse Universe completely reimagines the original color for something new.



245, 145, 178



255, 130, 171



145, 245, 162



122, 110, 114



186, 0, 61

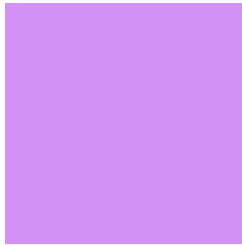


59, 0, 19



# Previews

## White Background



This preview shows how the RGB color 212, 145, 245 looks on a white background.

## Color Contrast Check

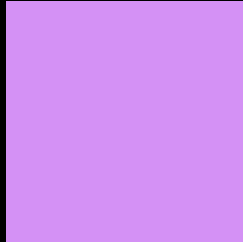
Large Text (above 18pt) WCAG AA × Fail

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, 145, 245 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

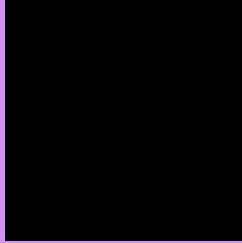
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 212, 145, 245 Background



This preview shows how black text looks on a background with the RGB color 212, 145, 245.



This preview shows how white text looks on a background with the RGB color 212, 145, 245.

# 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



**Original Color**  
212, 145, 245

**Protanopia**  
142, 169, 255

**Deuteranopia**  
148, 170, 240



# Tritanopia

201, 161, 173

# Trichromacy



**Original Color**

212, 145, 245



**Protanomaly**

167, 160, 251



**Deuteranomaly**

171, 161, 242



**Tritanomaly**

205, 155, 199

# Monochromacy



**Original Color**

212, 145, 245



**Achromatopsia**

176, 176, 176



**Achromatomaly**

189, 165, 201

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 212, 145, 245 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, 145, 245)` looks like.

```
.text, #text, p{  
    color:rgb(212, 145, 245)  
}
```

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, 145, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 145, 245) }
```

## Border

The CSS property to change the border of an element to RGB 212, 145, 245 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, 145, 245) }
```

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

```
.border{ border-color:rgb(212, 145, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 145, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 145, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 145, 245);  
box-shadow:4px 4px 4px 4px rgb(212, 145,  
245) }
```

# Background

The CSS property to change the background color of an element to RGB 212, 145, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 145, 245) }
```

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

```
.background{ background-color: rgb(212,  
145, 245) }
```

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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