

# Converting Colors

RGB(212, 193, 245)

Have a look what the booklet for  
RGB(212, 193, 245) contains.

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# Color

**RGB(212, 193, 245)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4C1F5
RGB	212, 193, 245
RGB Percent	83%, 76%, 96%
CMY	0.1686, 0.2431, 0.0392
CMYK	0.13, 0.21, 0.00, 0.04
HSL	262°, 72%, 86%
HSV	262°, 21%, 96%
XYZ	62.7028, 58.7295, 94.4173
YIQ	204.6090, -5.3680, 20.2000

# Conversions

## Conversions Part 2

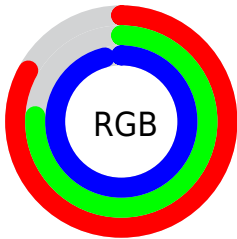
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	212, 193, 245
Decimal	13943285
CIE Lab	81.14, 16.55, -23.23
CIE LCh	81, 28.521, 305.458
Yxy	58.7295, 0.2905, 0.2721
Android (android.graphics.Color)	4292133365 (0xFFD4C1F5)
YUV	204.6090, 19.9128, 6.4819
Hunter-Lab	76.6352, 11.9367, -19.4028

# Details

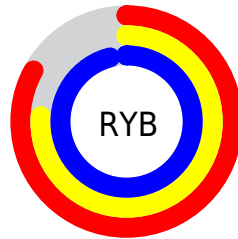
The RGB color **212, 193, 245** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **226, 245, 193**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **255, 249, 255**, and **157, 139, 189** is the 20% darker color. If you saturate the color by 10%, you get **196, 169, 245**, and if you desaturate by 10%, it is **228, 218, 245**.

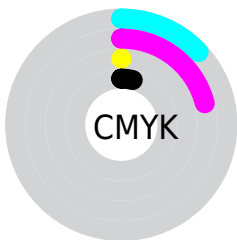
# Distribution



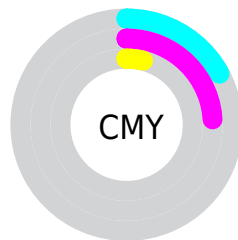
- Red (83%)
- Green (76%)
- Blue (96%)



- Red (83%)
- Yellow (76%)
- Blue (96%)



- Cyan (13%)
- Magenta (21%)
- Yellow (0%)
- Black (4%)




- Cyan (17%)
- Magenta (24%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 212, 193, 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, 193, 245 by changing the saturation by 10% instead.




 212, 193, 245


255, 255, 255

 255, 249, 255

 212, 193, 245

 184, 166, 216

 157, 139, 189


 131, 114, 162

 105, 89, 135


 80, 66, 110


 57, 44, 85


 34, 23, 62

 16, 0, 40


 0, 1, 18

 212, 193, 245


 212, 193, 245

 196, 169, 245


 228, 218, 245

 181, 144, 245

 243, 242, 245


 165, 120, 245


 255, 255, 245

 150, 95, 245

 134, 70, 245

 119, 46, 245

 103, 21, 245

 90, 0, 245

# Harmonies

## Analogous

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



176, 202, 254



212, 193, 245



240, 185, 224

# Triad

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



212, 193, 245



240, 192, 154



131, 217, 206

# Complementary

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



212, 193, 245



226, 245, 193

# 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.



156, 215, 179



212, 193, 245



216, 201, 148

# Square

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



212, 193, 245



254, 185, 172



187, 209, 158



123, 215, 232

# Rectangle

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



212, 193, 245



251, 182, 207



187, 209, 158



138, 216, 196



# Sweetspot

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



212, 193, 245



245, 240, 255



193, 227, 245



122, 119, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



212, 193, 245



215, 191, 255



237, 193, 245



115, 110, 122



68, 0, 186



21, 0, 59



# Inverse Universe

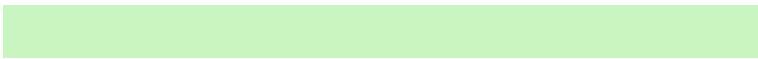
The Inverse Universe completely reimagines the original color for something new.



245, 193, 226



255, 191, 232



201, 245, 193



122, 110, 118



186, 0, 118

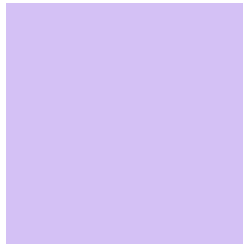


59, 0, 37



# Previews

## White Background



This preview shows how the RGB color 212, 193, 245 looks on a white background.

## Color Contrast Check

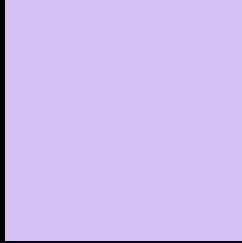
Large Text (above 18pt) WCAG AA × Fail

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, 193, 245 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

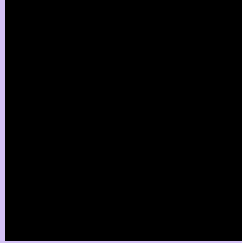
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 212, 193, 245 Background



This preview shows how black text looks on a background with the RGB color 212, 193, 245.




This preview shows how white text looks on a background with the RGB color 212, 193, 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





**Tritanopia**  
207, 199, 214

# Trichromacy



**Original Color**  
212, 193, 245

**Protanomaly**  
198, 197, 248

**Deuteranomaly**  
204, 196, 244

**Tritanomaly**  
209, 197, 225

# Monochromacy



**Original Color**  
212, 193, 245

**Achromatopsia**  
205, 205, 205

**Achromatomaly**  
208, 201, 220

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 212, 193, 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, 193, 245)` looks like.

```
.text, #text, p{  
    color:rgb(212, 193, 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, 193, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 193, 245) }
```

## Border

The CSS property to change the border of an element to RGB 212, 193, 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, 193, 245) }
```

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

```
.border{ border-color:rgb(212, 193, 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, 193, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 193, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 193, 245);  
box-shadow:4px 4px 4px 4px rgb(212, 193,  
245) }
```

# Background

The CSS property to change the background color of an element to RGB 212, 193, 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, 193, 245) }
```

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

```
.background{ background-color: rgb(212,  
193, 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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