

Converting Colors

RGB(213, 212, 245)

Have a look what the booklet for
RGB(213, 212, 245) contains.

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Color

RGB(213, 212, 245)

Conversions

Conversions Part 1

Format	Color
Hex	D5D4F5
RGB	213, 212, 245
RGB Percent	84%, 83%, 96%
CMY	0.1647, 0.1686, 0.0392
CMYK	0.13, 0.13, 0.00, 0.04
HSL	242°, 62%, 90%
HSV	242°, 13%, 96%
XYZ	67.4655, 67.8257, 95.9221
YIQ	216.0610, -9.9970, 10.4750

Conversions

Conversions Part 2

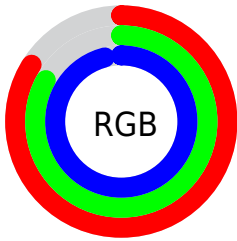
Format	Color
R _{YB}	213, 212, 245
Decimal	14013685
CIE Lab	85.92, 6.71, -16.00
CIE LCh	86, 17.354, 292.746
Yxy	67.8257, 0.2918, 0.2933
Android (android.graphics.Color)	4292203765 (0xFFD5D4F5)
YUV	216.0610, 14.2669, -2.6845
Hunter-Lab	82.3563, 2.1018, -11.4068

Details

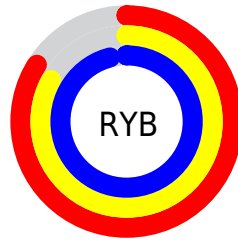
The RGB color **213, 212, 245** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **244, 245, 212**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **255, 255, 255**, and **158, 157, 189** is the 20% darker color. If you saturate the color by 10%, you get **189, 187, 245**, and if you desaturate by 10%, it is **237, 237, 245**.

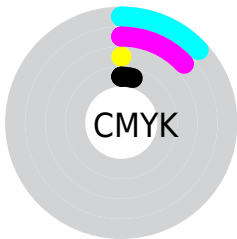
Distribution



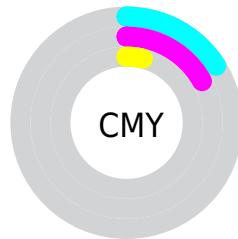
- Red (84%)
- Green (83%)
- Blue (96%)



- Red (84%)
- Yellow (83%)
- Blue (96%)



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



- Cyan (16%)
- Magenta (17%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 213, 212, 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 213, 212, 245 by changing the saturation by 10% instead.

■ 213, 212, 245

255, 255, 255

■ 213, 212, 245

■ 185, 184, 217

■ 158, 157, 189

■ 132, 131, 162

■ 106, 106, 135

■ 82, 82, 110

■ 58, 59, 86

■ 36, 38, 62

■ 15, 17, 40

■ 0, 1, 19

 213, 212, 245


 213, 212, 245

 189, 187, 245

 237, 237, 245

 165, 163, 245

 255, 255, 245

 142, 139, 245

 118, 114, 245

 94, 90, 245

 70, 65, 245

 47, 41, 245

 23, 16, 245

 7, 0, 245

Harmonies

Analogous

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



192, 218, 247



213, 212, 245



233, 207, 235

Triad

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



213, 212, 245



245, 207, 189



180, 224, 210

Complementary

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



213, 212, 245



244, 245, 212

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.



196, 222, 195



213, 212, 245



232, 212, 183

Square

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



213, 212, 245



250, 204, 203



214, 218, 184



172, 224, 227

Rectangle

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



213, 212, 245



242, 205, 225



214, 218, 184



184, 224, 205

Sweetspot

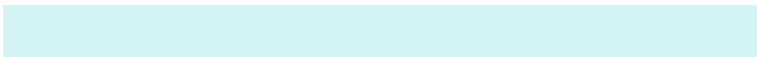
The Sweet Spot groups the original color and five complimentary colors.



213, 212, 245



245, 245, 255



212, 244, 245



121, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



213, 212, 245



215, 214, 255



229, 212, 245



111, 110, 122



6, 0, 186



2, 0, 59

Inverse Universe

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



245, 212, 244



255, 214, 254



228, 245, 212



122, 110, 122



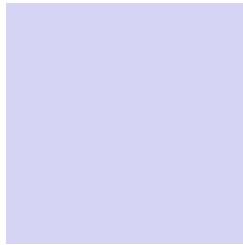
186, 0, 181



59, 0, 57

Previews

White Background



This preview shows how the RGB color 213, 212, 245 looks on a white background.

Color Contrast Check

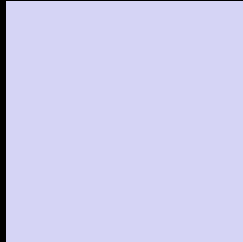
Large Text (above 18pt) WCAG AA × Fail

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 213, 212, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

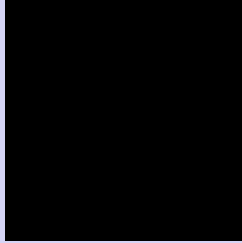
Any Text WCAG AA ✓ Pass

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 213, 212, 245 Background



This preview shows how black text looks on a background with the RGB color 213, 212, 245.



This preview shows how white text looks on a background with the RGB color 213, 212, 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
213, 212, 245

Protanopia
209, 213, 246

Deuteranopia
221, 209, 246



Tritanopia
211, 214, 231

Trichromacy



Original Color
213, 212, 245

Protanomaly
210, 213, 246

Deuteranomaly
218, 210, 246

Tritanomaly
212, 213, 236

Monochromacy



Original Color
213, 212, 245

Achromatopsia
216, 216, 216

Achromatomaly
215, 215, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 212, 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(213, 212, 245)` looks like.

```
.text, #text, p{  
    color:rgb(213, 212, 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(213, 212, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 212, 245) }
```

Border

The CSS property to change the border of an element to RGB 213, 212, 245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

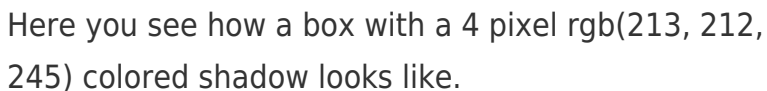
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 212, 245) }
```

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

```
.border{ border-color:rgb(213, 212, 245) }
```

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



Here you see how a box with a 4 pixel rgb(213, 212, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 212, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 212, 245); box-shadow:4px 4px 4px 4px rgb(213, 212, 245) }
```

Background

The CSS property to change the background color of an element to RGB 213, 212, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 212, 245) }
```

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

```
.background{ background-color: rgb(213,  
212, 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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