Converting Colors

RGB(211, 185, 245)

Have a look what the booklet for RGB(211, 185, 245) contains.

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Color

RGB(211, 185, 245)

Conversions

Conversions Part 1

Format	Color
Hex	D3B9F5
RGB	211, 185, 245
RGB Percent	83%, 73%, 96%
CMY	0.1725, 0.2745, 0.0392
CMYK	0.14, 0.24, 0.00, 0.04
HSL	266°, 75%, 84%
HSV	266°, 24%, 96%
XYZ	60.6944, 55.1394, 93.8302
YIQ	199.6140, -3.7640, 24.1720

Conversions

Conversions Part 2

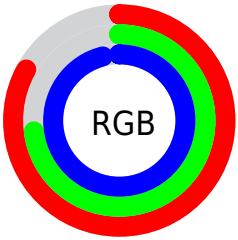
Format	Color
RYB	211, 185, 245
Decimal	13875701
CIELab	79.12, 20.56, -26.32
CIELCh	79, 33.399, 307.995
Yxy	55.1394, 0.2895, 0.2630
Android (android.graphics.Color)	4292065781 (0xFFD3B9F5)
YUV	199.6140, 22.3753, 9.9855
Hunter-Lab	74.2559, 15.9523, -22.9401

Details

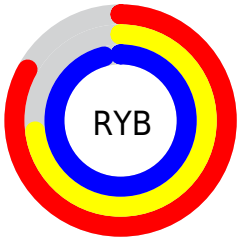
The RGB color 211, 185, 245 is a light color, and the websafe version is hex CCCCFF. A complement of this color would be 219, 245, 185, and the grayscale version is 199, 199, 199.

A 20% lighter version of the original color is 255, 241, 255, and 156, 132, 189 is the 20% darker color. If you saturate the color by 10%, you get 197, 161, 245, and if you desaturate by 10%, it is 225, 210, 245.

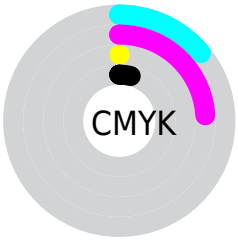
Distribution



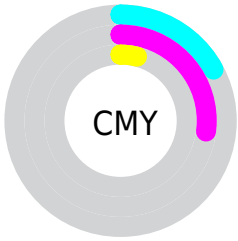
- Red (83%)
- Green (73%)
- Blue (96%)



- Red (83%)
- Yellow (73%)
- Blue (96%)



- Cyan (14%)
- Magenta (24%)
- Yellow (0%)
- Black (4%)



- Cyan (17%)
- Magenta (27%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 211, 185, 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 211, 185, 245 by changing the saturation by 10% instead.

211, 185, 245

255, 255, 255

255, 241, 255

211, 185, 245

183, 158, 216

156, 132, 189

129, 106, 161

104, 82, 135

79, 59, 110

55, 37, 85

32, 16, 61

12, 0, 40

0, 1, 17

211, 185, 245

197, 161, 245

183, 136, 245

169, 112, 245

155, 87, 245

142, 62, 245

128, 38, 245

114, 14, 245

106, 0, 245

211, 185, 245

225, 210, 245

239, 234, 245

253, 255, 245

255, 255, 245

Harmonies

Analogous

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

168, 196, 255

211, 185, 245

243, 176, 220

Triad

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

211, 185, 245

238, 186, 139

107, 213, 203

Complementary

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

211, 185, 245

219, 245, 185

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.

139, 211, 172

211, 185, 245

210, 197, 134

Square

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

211, 185, 245

255, 177, 159

175, 206, 146

96, 211, 233

Rectangle

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

211, 185, 245

254, 173, 199

175, 206, 146

116, 213, 193

Sweetspot

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

211, 185, 245

245, 237, 255

185, 219, 245

122, 117, 128

0, 0, 0

128, 128, 128

Same Dimension

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

211, 185, 245

213, 181, 255

241, 185, 245

115, 110, 122

81, 0, 186

25, 0, 59

Inverse Universe

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

245, 185, 219

255, 181, 223

189, 245, 185

122, 110, 117

186, 0, 105

59, 0, 33

Previews

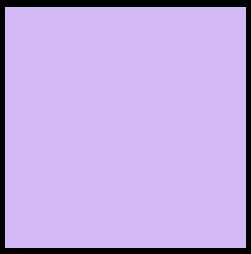
White Background

This preview shows how the RGB color 211, 185, 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



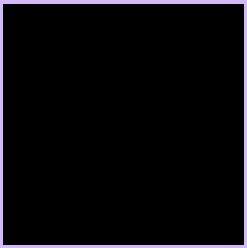
This preview shows how the RGB color 211, 185, 245 looks on a black background.

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 211, 185, 245 Background



This preview shows how black text looks on a background with the RGB color 211, 185, 245.

This preview shows how white text looks on a background with the RGB color 211, 185, 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

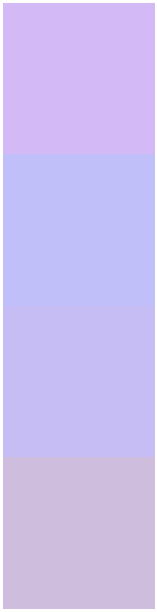
Original Color
211, 185, 245

Protanopia
181, 194, 251

Deuteranopia
191, 192, 244

Tritanopia
205, 192, 207

Trichromacy



Original Color
211, 185, 245

Protanomaly
192, 191, 249

Deuteranomaly
198, 189, 244

Tritanomaly
207, 189, 221

Monochromacy

Original Color
211, 185, 245

Achromatopsia
200, 200, 200

Achromatomaly
204, 195, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 211, 185, 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(211, 185, 245) looks like.

```
.text, #text, p{
    color:rgb(211, 185, 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(211, 185, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 185, 245) }
```

Border

The CSS property to change the border of an element to RGB 211, 185, 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(211, 185, 245) }
```

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

```
.border{ border-color:rgb(211, 185, 245) }
```

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

Here you see how a box with a 4 pixel rgb(211, 185, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 185, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 185, 245); box-shadow:4px 4px 4px 4px rgb(211, 185, 245) }
```

Background

The CSS property to change the background color of an element to RGB 211, 185, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(211, 185, 245) }
```

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

```
.background{ background-color:rgb(211,
185, 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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