

Converting Colors

RGB(216, 185, 245)

Have a look what the booklet for
RGB(216, 185, 245) contains.

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Color

RGB(216, 185, 245)

Conversions

Conversions Part 1

Format	Color
Hex	D8B9F5
RGB	216, 185, 245
RGB Percent	85%, 73%, 96%
CMY	0.1529, 0.2745, 0.0392
CMYK	0.12, 0.24, 0.00, 0.04
HSL	271°, 75%, 84%
HSV	271°, 24%, 96%
XYZ	62.1493, 55.8894, 93.8983
YIQ	201.1090, -0.7840, 25.2320

Conversions

Conversions Part 2

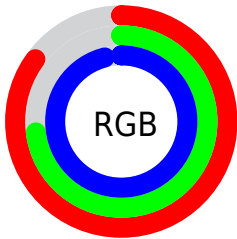
Format	Color
R _Y B	216, 185, 245
Decimal	14203381
CIE Lab	79.55, 22.12, -25.63
CIE LCh	80, 33.854, 310.803
Yxy	55.8894, 0.2932, 0.2637
Android (android.graphics.Color)	4292393461 (0xFFD8B9F5)
YUV	201.1090, 21.6383, 13.0594
Hunter-Lab	74.7592, 17.5630, -22.1374

Details

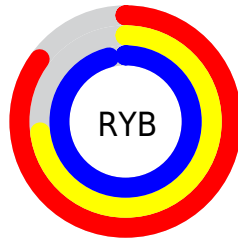
The RGB color **216, 185, 245** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **214, 245, 185**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **255, 241, 255**, and **161, 132, 189** is the 20% darker color. If you saturate the color by 10%, you get **204, 161, 245**, and if you desaturate by 10%, it is **228, 210, 245**.

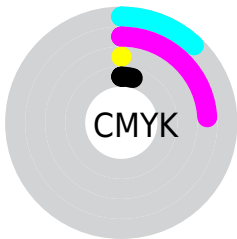
Distribution



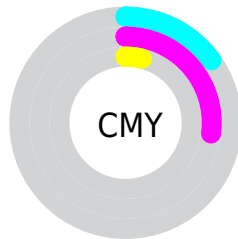
- Red (85%)
- Green (73%)
- Blue (96%)



- Red (85%)
- Yellow (73%)
- Blue (96%)



- Cyan (12%)
- Magenta (24%)
- Yellow (0%)
- Black (4%)



- Cyan (15%)
- Magenta (27%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 216, 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 216, 185, 245 by changing the saturation by 10% instead.

 216, 185, 245


255, 255, 255

 255, 241, 255

 216, 185, 245

 188, 158, 216

 161, 132, 189

 134, 106, 161


 108, 82, 135

 83, 59, 110

 59, 36, 85


 36, 15, 62

 18, 0, 40


 0, 1, 17

 216, 185, 245


 216, 185, 245

 204, 161, 245

 228, 210, 245

 192, 136, 245

 240, 234, 245

 180, 112, 245


 252, 255, 245

 169, 87, 245

 255, 255, 245

 157, 62, 245

 145, 38, 245

 133, 14, 245

 127, 0, 245

Harmonies

Analogous

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



173, 196, 255



216, 185, 245



247, 176, 219

Triad

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



216, 185, 245



237, 188, 138



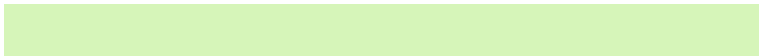
104, 215, 208

Complementary

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



216, 185, 245



214, 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.



136, 213, 175



216, 185, 245



208, 199, 135

Square

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



216, 185, 245



255, 178, 157



173, 208, 149



96, 212, 237

Rectangle

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



216, 185, 245



255, 174, 197



173, 208, 149



113, 214, 197

Sweetspot

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



216, 185, 245



246, 237, 255



185, 214, 245



123, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



216, 185, 245



219, 181, 255



245, 185, 244



116, 110, 122



96, 0, 186



30, 0, 59

Inverse Universe

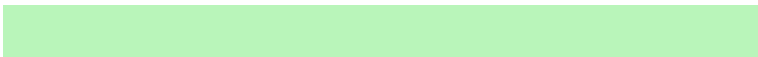
The Inverse Universe completely reimagines the original color for something new.



245, 185, 214



255, 181, 217



185, 245, 186



122, 110, 116



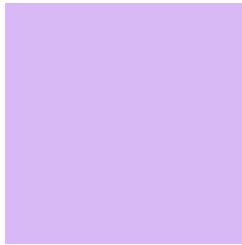
186, 0, 90



59, 0, 28

Previews

White Background



This preview shows how the RGB color 216, 185, 245 looks on a white background.

Color Contrast Check

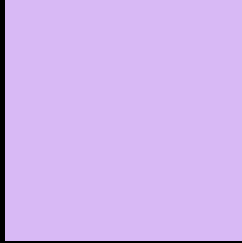
Large Text (above 18pt) WCAG AA × Fail

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 216, 185, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

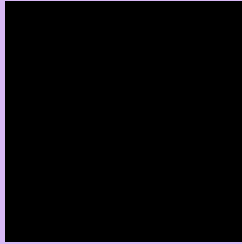
Any Text WCAG AA ✓ Pass

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 216, 185, 245 Background



This preview shows how black text looks on a background with the RGB color 216, 185, 245.




This preview shows how white text looks on a background with the RGB color 216, 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





Tritanopia
210, 192, 207

Trichromacy



Original Color
216, 185, 245

Protanomaly
195, 191, 249

Deuteranomaly
201, 190, 244

Tritanomaly
212, 189, 221

Monochromacy



Original Color
216, 185, 245

Achromatopsia
201, 201, 201

Achromatomaly
206, 195, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 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(216, 185, 245)` looks like.

```
.text, #text, p{  
    color:rgb(216, 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(216, 185, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 185, 245) }
```

Border

The CSS property to change the border of an element to RGB 216, 185, 245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

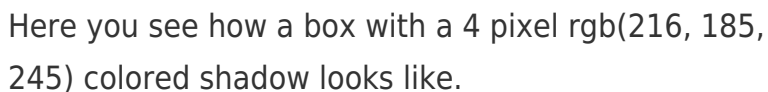
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 185, 245) }
```

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

```
.border{ border-color:rgb(216, 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(216, 185, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 185, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 185, 245); box-shadow:4px 4px 4px 4px rgb(216, 185, 245) }
```

Background

The CSS property to change the background color of an element to RGB 216, 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(216, 185, 245) }
```

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

```
.background{ background-color: rgb(216,  
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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