

Converting Colors

RGB(216, 185, 243)

Have a look what the booklet for
RGB(216, 185, 243) contains.

RGB(216, 185, 243)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(216, 185, 243)

Conversions

Conversions Part 1

Format	Color
Hex	D8B9F3
RGB	216, 185, 243
RGB Percent	85%, 73%, 95%
CMY	0.1529, 0.2745, 0.0471
CMYK	0.11, 0.24, 0.00, 0.05
HSL	272°, 71%, 84%
HSV	272°, 24%, 95%
XYZ	61.8455, 55.7679, 92.2987
YIQ	200.8810, -0.1420, 24.6100

Conversions

Conversions Part 2

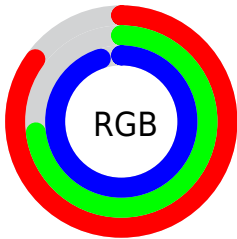
Format	Color
R _Y B	216, 185, 243
Decimal	14203379
CIE Lab	79.48, 21.71, -24.66
CIE LCh	79, 32.855, 311.366
Yxy	55.7679, 0.2946, 0.2657
Android (android.graphics.Color)	4292393459 (0xFFD8B9F3)
YUV	200.8810, 20.7647, 13.2594
Hunter-Lab	74.6779, 17.1408, -21.0053

Details

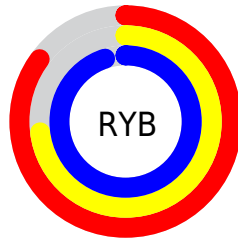
The RGB color **216, 185, 243** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **212, 243, 185**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **255, 241, 255**, and **161, 132, 187** is the 20% darker color. If you saturate the color by 10%, you get **205, 161, 243**, and if you desaturate by 10%, it is **227, 209, 243**.

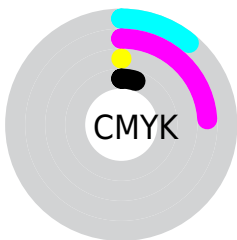
Distribution



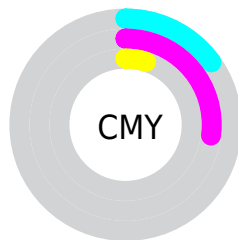
- Red (85%)
- Green (73%)
- Blue (95%)



- Red (85%)
- Yellow (73%)
- Blue (95%)



- Cyan (11%)
- Magenta (24%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (27%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 216, 185, 243 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, 243 by changing the saturation by 10% instead.

 216, 185, 243


255, 255, 255


 255, 241, 255

 216, 185, 243

 188, 158, 215

 161, 132, 187

 134, 106, 160


 108, 82, 133

 83, 59, 108

 59, 36, 83

 36, 15, 60

 18, 0, 38

 0, 1, 15

■ 216, 185, 243

■ 216, 185, 243

■ 205, 161, 243

■ 227, 209, 243

■ 193, 136, 243

■ 239, 234, 243

■ 182, 112, 243

■ 250, 255, 243

■ 171, 88, 243

■ 255, 255, 243

■ 159, 64, 243

■ 148, 39, 243

■ 137, 15, 243

■ 130, 0, 243

Harmonies

Analogous

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



174, 196, 255



216, 185, 243



245, 177, 217

Triad

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



216, 185, 243



235, 188, 140



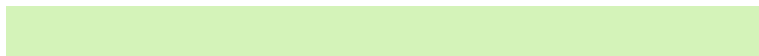
107, 214, 208

Complementary

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



216, 185, 243



212, 243, 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.



137, 212, 176



216, 185, 243



207, 199, 137

Square

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



216, 185, 243



254, 179, 158



173, 207, 150



101, 212, 236

Rectangle

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



216, 185, 243



255, 174, 197



173, 207, 150



116, 214, 197

Sweetspot

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



216, 185, 243



247, 237, 255



185, 212, 243



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, 243



221, 181, 255



243, 185, 241



117, 110, 122



99, 0, 186



31, 0, 59

Inverse Universe

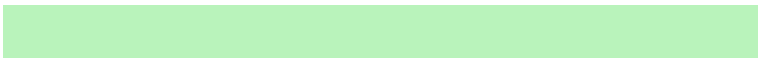
The Inverse Universe completely reimagines the original color for something new.



243, 185, 212



255, 181, 215



185, 243, 187



122, 110, 116



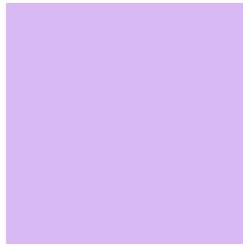
186, 0, 87



59, 0, 27

Previews

White Background



This preview shows how the RGB color 216, 185, 243 looks on a white background.

Color Contrast Check

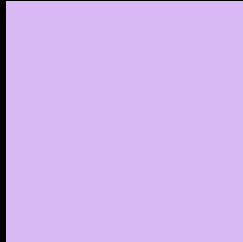
Large Text (above 18pt) WCAG AA × Fail

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, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

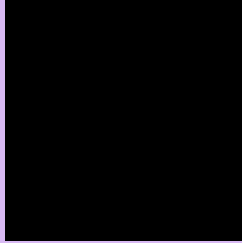
Any Text WCAG AA ✓ Pass

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, 243 Background



This preview shows how black text looks on a background with the RGB color 216, 185, 243.

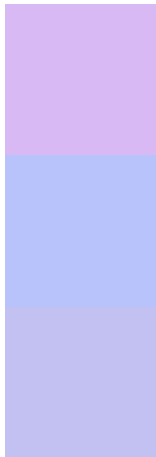


This preview shows how white text looks on a background with the RGB color 216, 185, 243.

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
216, 185, 243

Protanopia
183, 195, 250

Deuteranopia
194, 193, 241



Tritanopia
210, 192, 207

Trichromacy



Original Color
216, 185, 243

Protanomaly
195, 191, 247

Deuteranomaly
202, 190, 242

Tritanomaly
212, 189, 220

Monochromacy



Original Color
216, 185, 243

Achromatopsia
201, 201, 201

Achromatomaly
206, 195, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 185, 243 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(216, 185, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 185, 243) }
```

Border

The CSS property to change the border of an element to RGB 216, 185, 243 is called "border". The border property can be set on classes, ids or directly on the HTML element.

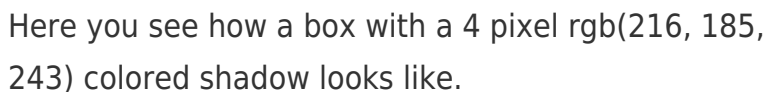
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 185, 243) }
```

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

```
.border{ border-color:rgb(216, 185, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 185, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 185, 243); box-shadow:4px 4px 4px 4px rgb(216, 185, 243) }
```

Background

The CSS property to change the background color of an element to RGB 216, 185, 243 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, 243) }
```

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

```
.background{ background-color: rgb(216,  
185, 243) }
```

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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