

Converting Colors

RGB(189, 185, 249)

Have a look what the booklet for
RGB(189, 185, 249) contains.

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Color

RGB(189, 185, 249)

Conversions

Conversions Part 1

Format	Color
Hex	BDB9F9
RGB	189, 185, 249
RGB Percent	74%, 73%, 98%
CMY	0.2588, 0.2745, 0.0235
CMYK	0.24, 0.26, 0.00, 0.02
HSL	244°, 84%, 85%
HSV	244°, 26%, 98%
XYZ	55.4341, 52.3563, 96.8066
YIQ	193.4920, -18.1600, 20.7520

Conversions

Conversions Part 2

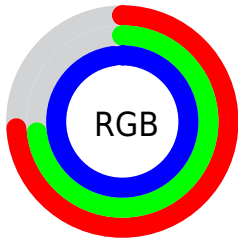
Format	Color
R _Y B	189, 185, 249
Decimal	12433913
CIE Lab	77.49, 14.76, -31.12
CIE LCh	77, 34.442, 295.377
Yxy	52.3563, 0.2709, 0.2559
Android (android.graphics.Color)	4290623993 (0xFFBDB9F9)
YUV	193.4920, 27.3654, -3.9395
Hunter-Lab	72.3576, 10.1252, -28.6732

Details

The RGB color **189, 185, 249** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **245, 249, 185**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **246, 241, 255**, and **134, 132, 192** is the 20% darker color. If you saturate the color by 10%, you get **166, 160, 249**, and if you desaturate by 10%, it is **212, 210, 249**.

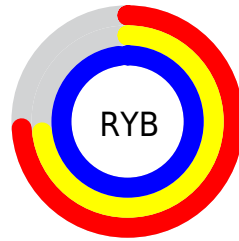
Distribution



Red (74%)

Green (73%)

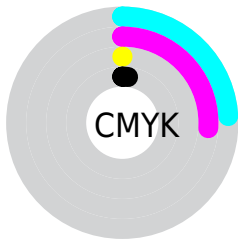
Blue (98%)



Red (74%)

Yellow (73%)

Blue (98%)

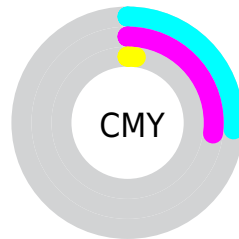


Cyan (24%)

Magenta (26%)

Yellow (0%)

Black (2%)



Cyan (26%)

Magenta (27%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 185, 249 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 189, 185, 249 by changing the saturation by 10% instead.

■ 189, 185, 249

255, 255, 255

■ 246, 241, 255

■ 189, 185, 249

■ 161, 158, 220

■ 134, 132, 192

■ 108, 107, 165

■ 83, 83, 139


■ 58, 60, 113

■ 32, 38, 88


■ 3, 18, 64

■ 0, 0, 42


■ 0, 1, 20

 189, 185, 249

 189, 185, 249

 166, 160, 249

 212, 210, 249

 142, 135, 249

 236, 235, 249

 119, 110, 249


 255, 255, 249

 96, 85, 249

 72, 61, 249

 49, 36, 249

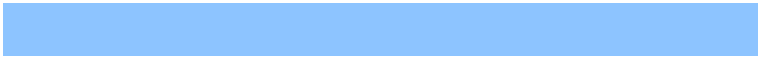
 26, 11, 249

 16, 0, 249

Harmonies

Analogous

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



141, 196, 255



189, 185, 249



227, 174, 228

Triad

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



189, 185, 249



243, 177, 140



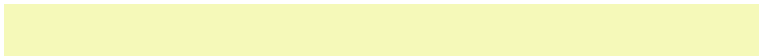
111, 209, 185

Complementary

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



189, 185, 249



245, 249, 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.



148, 205, 154



189, 185, 249



218, 188, 128

Square

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



189, 185, 249



255, 169, 166



185, 198, 133



86, 208, 218

Rectangle

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



189, 185, 249



245, 169, 208



185, 198, 133



123, 208, 174

Sweetspot

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



189, 185, 249



236, 235, 255



185, 246, 249



116, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



189, 185, 249



181, 176, 255



220, 185, 249



113, 112, 125



12, 0, 189



4, 0, 61

Inverse Universe

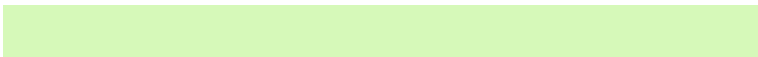
The Inverse Universe completely reimagines the original color for something new.



249, 185, 245



255, 176, 250



214, 249, 185



125, 112, 124



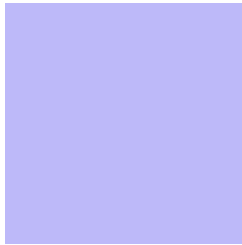
189, 0, 177



61, 0, 57

Previews

White Background



This preview shows how the RGB color 189, 185, 249 looks on a white background.

Color Contrast Check

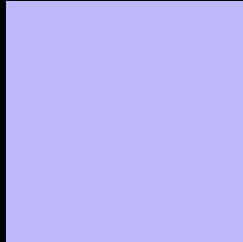
Large Text (above 18pt) WCAG AA × Fail

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 189, 185, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

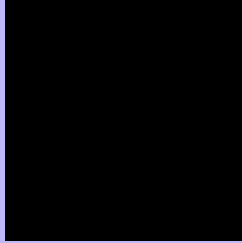
Any Text WCAG AA ✓ Pass

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 189, 185, 249 Background



This preview shows how black text looks on a background with the RGB color 189, 185, 249.

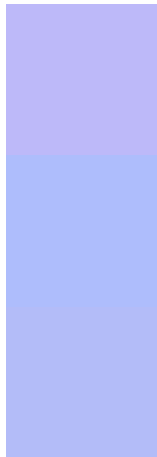


This preview shows how white text looks on a background with the RGB color 189, 185, 249.

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](#).

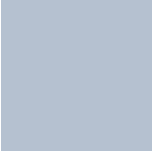
Dichromacy



Original Color
189, 185, 249

Protanopia
174, 189, 252

Deuteranopia
179, 188, 248



Tritanopia
181, 193, 208

Trichromacy



Original Color

189, 185, 249

Protanomaly

179, 188, 251

Deuteranomaly

183, 187, 248

Tritanomaly

184, 190, 223

Monochromacy



Original Color

189, 185, 249

Achromatopsia

193, 193, 193

Achromatomaly

192, 190, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 185, 249 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(189, 185, 249)` looks like.

```
.text, #text, p{  
    color:rgb(189, 185, 249)  
}
```

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(189, 185, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 185, 249) }
```

Border

The CSS property to change the border of an element to RGB 189, 185, 249 is called "border". The border property can be set on classes, ids or directly on the HTML element.

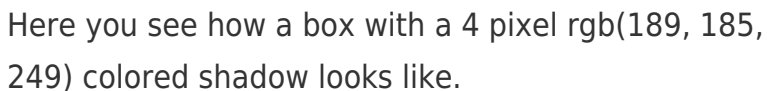
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 185, 249) }
```

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

```
.border{ border-color:rgb(189, 185, 249) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 185, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 185, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 185, 249); box-shadow:4px 4px 4px 4px rgb(189, 185, 249) }
```

Background

The CSS property to change the background color of an element to RGB 189, 185, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 185, 249) }
```

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

```
.background{ background-color: rgb(189,  
185, 249) }
```

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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