

Converting Colors

RGB(189, 186, 243)

Have a look what the booklet for
RGB(189, 186, 243) contains.

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Color

RGB(189, 186, 243)

Conversions

Conversions Part 1

Format	Color
Hex	BDBAF3
RGB	189, 186, 243
RGB Percent	74%, 73%, 95%
CMY	0.2588, 0.2706, 0.0471
CMYK	0.22, 0.23, 0.00, 0.05
HSL	243°, 70%, 84%
HSV	243°, 23%, 95%
XYZ	54.7228, 52.4077, 92.0255
YIQ	193.3950, -16.5090, 18.3630

Conversions

Conversions Part 2

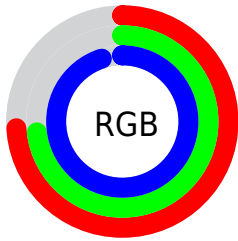
Format	Color
RYB	189, 186, 243
Decimal	12434163
CIELab	77.52, 12.83, -27.85
CIElCh	78, 30.662, 294.745
Yxy	52.4077, 0.2748, 0.2631
Android (android.graphics.Color)	4290624243 (0xFFBDBAF3)
YUV	193.3950, 24.4553, -3.8544
Hunter-Lab	72.3932, 8.2422, -24.6937

Details

The RGB color **189, 186, 243** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **240, 243, 186**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **246, 242, 255**, and **135, 133, 187** is the 20% darker color. If you saturate the color by 10%, you get **166, 162, 243**, and if you desaturate by 10%, it is **212, 210, 243**.

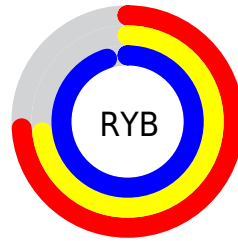
Distribution



Red (74%)

Green (73%)

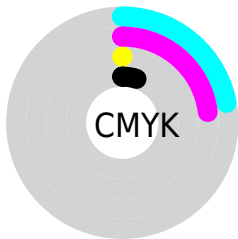
Blue (95%)



Red (74%)

Yellow (73%)

Blue (95%)

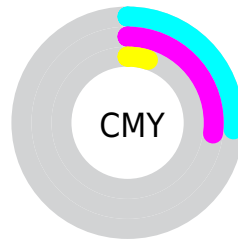


Cyan (22%)

Magenta (23%)

Yellow (0%)

Black (5%)



Cyan (26%)

Magenta (27%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 186, 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 189, 186, 243 by changing the saturation by 10% instead.

■ 189, 186, 243

255, 255, 255

■ 246, 242, 255

■ 189, 186, 243

■ 162, 159, 214

■ 135, 133, 187

■ 109, 108, 160

■ 83, 84, 133

■ 59, 60, 108

■ 34, 39, 83


■ 7, 19, 60

■ 0, 1, 38


■ 0, 1, 15

 189, 186, 243


 189, 186, 243

 166, 162, 243

 212, 210, 243

 143, 137, 243

 235, 235, 243

 120, 113, 243


 255, 255, 243

 97, 89, 243

 74, 65, 243

 51, 40, 243

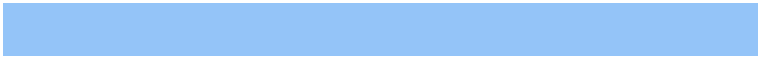
 28, 16, 243

 13, 0, 243

Harmonies

Analogous

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



148, 196, 248



189, 186, 243



223, 177, 225

Triad

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



189, 186, 243



239, 179, 146



123, 207, 185

Complementary

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



189, 186, 243



240, 243, 186

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.



154, 204, 158



189, 186, 243



217, 188, 135

Square

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



189, 186, 243



249, 172, 169



187, 197, 139



104, 207, 214

Rectangle

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



189, 186, 243



239, 172, 207



187, 197, 139



133, 206, 176

Sweetspot

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



189, 186, 243



238, 237, 255



186, 240, 243



118, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



189, 186, 243



187, 184, 255



217, 186, 243



111, 110, 122



10, 0, 186



3, 0, 59

Inverse Universe

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



243, 186, 240



255, 184, 251



212, 243, 186



122, 110, 122



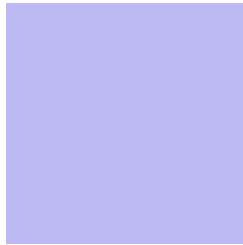
186, 0, 176



59, 0, 56

Previews

White Background



This preview shows how the RGB color 189, 186, 243 looks on a white background.

Color Contrast Check

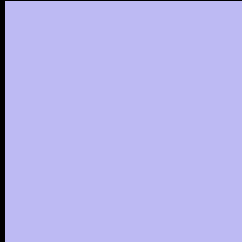
Large Text (above 18pt) WCAG AA × Fail

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 189, 186, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

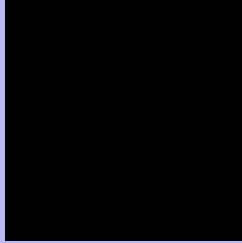
Any Text WCAG AA ✓ Pass

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 189, 186, 243 Background



This preview shows how black text looks on a background with the RGB color 189, 186, 243.



This preview shows how white text looks on a background with the RGB color 189, 186, 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](#).

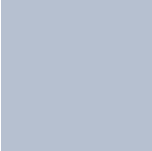
Dichromacy



Original Color
189, 186, 243

Protanopia
177, 189, 245

Deuteranopia
183, 188, 243



Tritanopia
182, 192, 208

Trichromacy



Original Color

189, 186, 243

Protanomaly

181, 188, 244

Deuteranomaly

185, 187, 243

Tritanomaly

185, 190, 221

Monochromacy



Original Color

189, 186, 243

Achromatopsia

193, 193, 193

Achromatomaly

192, 190, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 186, 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(189, 186, 243)` looks like.

```
.text, #text, p{  
    color:rgb(189, 186, 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(189, 186, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 186, 243) }
```

Border

The CSS property to change the border of an element to RGB 189, 186, 243 is called "border". The border property can be set on classes, ids or directly on the HTML element.

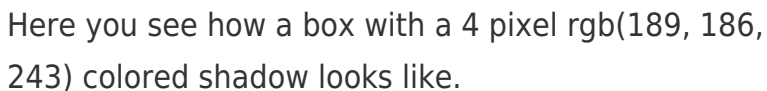
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 186, 243) }
```

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

```
.border{ border-color:rgb(189, 186, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 186, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 186, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 186, 243);  
box-shadow:4px 4px 4px 4px rgb(189, 186,  
243) }
```

Background

The CSS property to change the background color of an element to RGB 189, 186, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 186, 243) }
```

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

```
.background{ background-color: rgb(189,  
186, 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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