

Converting Colors

RGB(187, 181, 244)

Have a look what the booklet for
RGB(187, 181, 244) contains.

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Color

RGB(187, 181, 244)

Conversions

Conversions Part 1

Format	Color
Hex	BBB5F4
RGB	187, 181, 244
RGB Percent	73%, 71%, 96%
CMY	0.2667, 0.2902, 0.0431
CMYK	0.23, 0.26, 0.00, 0.04
HSL	246°, 74%, 83%
HSV	246°, 26%, 96%
XYZ	53.3465, 50.1442, 92.4551
YIQ	189.9760, -16.6470, 20.8650

Conversions

Conversions Part 2

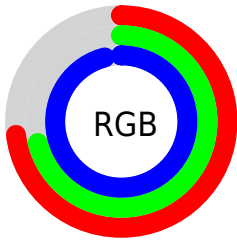
Format	Color
R _Y B	187, 181, 244
Decimal	12301812
CIE Lab	76.16, 15.21, -30.50
CIE LCh	76, 34.077, 296.504
Yxy	50.1442, 0.2723, 0.2559
Android (android.graphics.Color)	4290491892 (0xFFBBB5F4)
YUV	189.9760, 26.6338, -2.6100
Hunter-Lab	70.8126, 10.5507, -27.8421

Details

The RGB color **187, 181, 244** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **238, 244, 181**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **244, 237, 255**, and **133, 128, 188** is the 20% darker color. If you saturate the color by 10%, you get **165, 157, 244**, and if you desaturate by 10%, it is **209, 205, 244**.

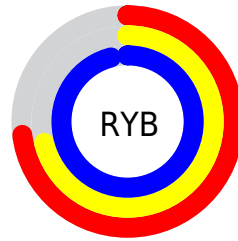
Distribution



Red (73%)

Green (71%)

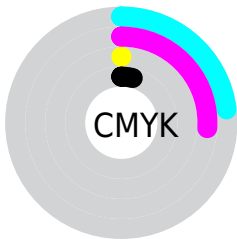
Blue (96%)



Red (73%)

Yellow (71%)

Blue (96%)

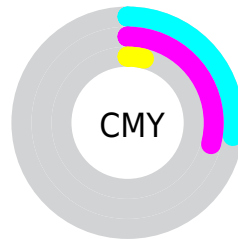


Cyan (23%)

Magenta (26%)

Yellow (0%)

Black (4%)



Cyan (27%)

Magenta (29%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 181, 244 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 187, 181, 244 by changing the saturation by 10% instead.

■ 187, 181, 244

255, 255, 255

■ 244, 237, 255

■ 187, 181, 244

■ 159, 154, 215

■ 133, 128, 188

■ 107, 103, 160

■ 81, 79, 134

■ 56, 56, 109

■ 31, 35, 84

■ 3, 15, 60

■ 0, 3, 38

■ 0, 1, 15

■ 187, 181, 244

■ 187, 181, 244

■ 165, 157, 244

■ 209, 205, 244

■ 143, 132, 244

■ 231, 230, 244

■ 121, 108, 244

■ 253, 254, 244

■ 99, 83, 244

■ 255, 255, 244

■ 77, 59, 244

■ 55, 35, 244

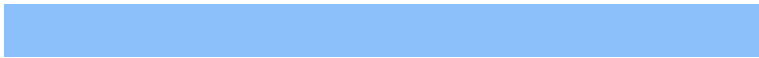
■ 32, 10, 244

■ 23, 0, 244

Harmonies

Analogous

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



140, 192, 250



187, 181, 244



224, 170, 223

Triad

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



187, 181, 244



238, 174, 136



107, 205, 183

Complementary

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



187, 181, 244



238, 244, 181

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.



144, 201, 152



187, 181, 244



213, 185, 125

Square

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



187, 181, 244



250, 166, 161



181, 194, 131



83, 204, 215

Rectangle

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



187, 181, 244



241, 166, 203



181, 194, 131



119, 204, 172

Sweetspot

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



187, 181, 244



237, 235, 255



181, 239, 244



116, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



187, 181, 244



183, 176, 255



218, 181, 244



111, 110, 122



18, 0, 186



6, 0, 59

Inverse Universe

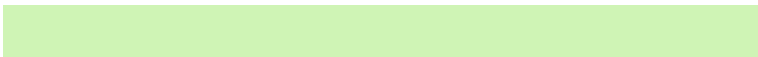
The Inverse Universe completely reimagines the original color for something new.



244, 181, 238



255, 176, 247



207, 244, 181



122, 110, 121



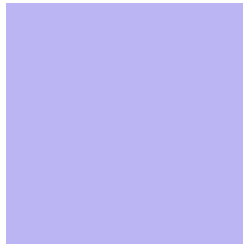
186, 0, 168



59, 0, 53

Previews

White Background



This preview shows how the RGB color 187, 181, 244 looks on a white background.

Color Contrast Check

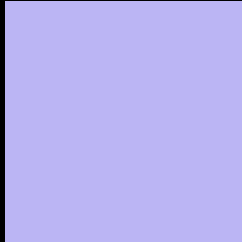
Large Text (above 18pt) WCAG AA × Fail

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 187, 181, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

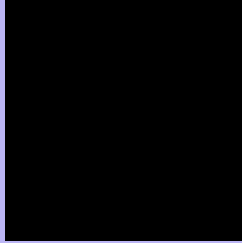
Any Text WCAG AA ✓ Pass

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 187, 181, 244 Background



This preview shows how black text looks on a background with the RGB color 187, 181, 244.



This preview shows how white text looks on a background with the RGB color 187, 181, 244.

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
187, 181, 244

Protanopia
171, 185, 247

Deuteranopia
176, 184, 243



Tritanopia
179, 189, 203

Trichromacy



Original Color
187, 181, 244

Protanomaly
177, 184, 246

Deuteranomaly
180, 183, 243

Tritanomaly
182, 186, 218

Monochromacy



Original Color
187, 181, 244

Achromatopsia
190, 190, 190

Achromatomaly
189, 187, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 181, 244 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(187, 181, 244)` looks like.

```
.text, #text, p{  
    color:rgb(187, 181, 244)  
}
```

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(187, 181, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 181, 244) }
```

Border

The CSS property to change the border of an element to RGB 187, 181, 244 is called "border". The border property can be set on classes, ids or directly on the HTML element.

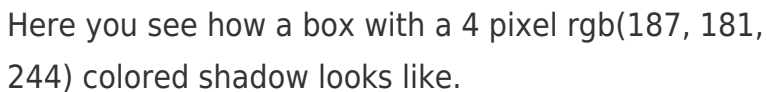
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 181, 244) }
```

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

```
.border{ border-color:rgb(187, 181, 244) }
```

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



Here you see how a box with a 4 pixel rgb(187, 181, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 181, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 181, 244);  
box-shadow:4px 4px 4px 4px rgb(187, 181,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 187, 181, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 181, 244) }
```

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

```
.background{ background-color: rgb(187,  
181, 244) }
```

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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