

Converting Colors

RGB(186, 179, 233)

Have a look what the booklet for
RGB(186, 179, 233) contains.

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Color

RGB(186, 179, 233)

Conversions

Conversions Part 1

Format	Color
Hex	BAB3E9
RGB	186, 179, 233
RGB Percent	73%, 70%, 91%
CMY	0.2706, 0.2980, 0.0863
CMYK	0.20, 0.23, 0.00, 0.09
HSL	248°, 55%, 81%
HSV	248°, 23%, 91%
XYZ	51.0778, 48.5625, 83.7722
YIQ	187.2490, -13.1620, 18.2780

Conversions

Conversions Part 2

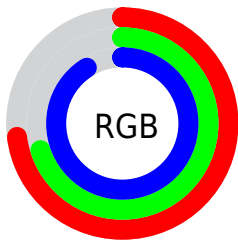
Format	Color
R _Y B	186, 179, 233
Decimal	12235753
CIE Lab	75.18, 13.50, -26.06
CIE LCh	75, 29.347, 297.380
Yxy	48.5625, 0.2785, 0.2648
Android (android.graphics.Color)	4290425833 (0xFFBAB3E9)
YUV	187.2490, 22.5552, -1.0954
Hunter-Lab	69.6868, 8.8818, -22.4932

Details

The RGB color **186, 179, 233** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **226, 233, 179**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **243, 235, 255**, and **132, 126, 177** is the 20% darker color. If you saturate the color by 10%, you get **166, 156, 233**, and if you desaturate by 10%, it is **206, 202, 233**.

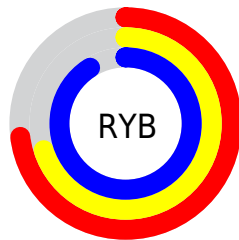
Distribution



Red (73%)

Green (70%)

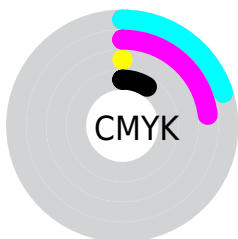
Blue (91%)



Red (73%)

Yellow (70%)

Blue (91%)

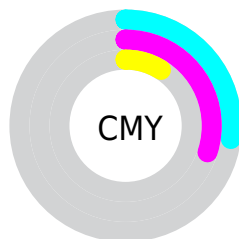


Cyan (20%)

Magenta (23%)

Yellow (0%)

Black (9%)



Cyan (27%)

Magenta (30%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 179, 233 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 186, 179, 233 by changing the saturation by 10% instead.

■ 186, 179, 233

255, 255, 255

■ 243, 235, 255

■ 186, 179, 233

■ 159, 152, 205

■ 132, 126, 177

■ 106, 101, 150

■ 81, 77, 124

■ 57, 55, 99

■ 33, 33, 75

■ 10, 12, 52

■ 0, 2, 31

■ 0, 0, 1

■ 186, 179, 233

■ 186, 179, 233

■ 166, 156, 233

■ 206, 202, 233

■ 145, 132, 233

■ 227, 226, 233

■ 125, 109, 233

■ 247, 249, 233

■ 105, 86, 233

■ 255, 255, 233

■ 85, 62, 233

■ 64, 39, 233

■ 44, 16, 233

■ 30, 0, 233

Harmonies

Analogous

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



147, 188, 239



186, 179, 233



218, 170, 215

Triad

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



186, 179, 233



228, 174, 141



118, 200, 182

Complementary

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



186, 179, 233



226, 233, 179

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.



147, 197, 155



186, 179, 233



207, 183, 131

Square

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



186, 179, 233



239, 167, 162



178, 191, 137



102, 200, 209

Rectangle

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



186, 179, 233



232, 166, 198



178, 191, 137



127, 199, 172

Sweetspot

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



186, 179, 233



239, 237, 255



179, 227, 233



119, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



186, 179, 233



193, 184, 255



212, 179, 233



107, 106, 117



23, 0, 181



7, 0, 54

Inverse Universe

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



233, 179, 226



255, 184, 246



200, 233, 179



117, 106, 116



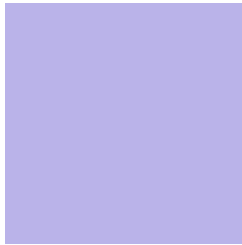
181, 0, 158



54, 0, 47

Previews

White Background



This preview shows how the RGB color 186, 179, 233 looks on a white background.

Color Contrast Check

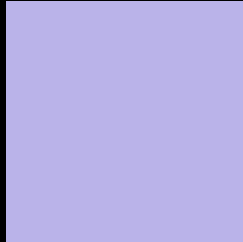
Large Text (above 18pt) WCAG AA × Fail

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 186, 179, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

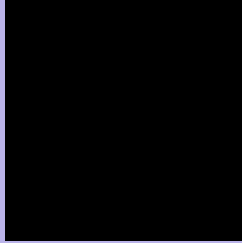
Any Text WCAG AA ✓ Pass

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 186, 179, 233 Background



This preview shows how black text looks on a background with the RGB color 186, 179, 233.



This preview shows how white text looks on a background with the RGB color 186, 179, 233.

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](#).

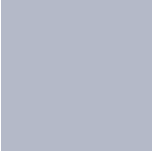
Dichromacy



Original Color
186, 179, 233

Protanopia
172, 183, 236

Deuteranopia
179, 181, 233



Tritanopia
180, 185, 200

Trichromacy



Original Color
186, 179, 233

Protanomaly
177, 182, 235

Deuteranomaly
182, 180, 233

Tritanomaly
182, 183, 212

Monochromacy



Original Color
186, 179, 233

Achromatopsia
187, 187, 187

Achromatomaly
187, 184, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 179, 233 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(186, 179, 233)` looks like.

```
.text, #text, p{  
    color:rgb(186, 179, 233)  
}
```

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(186, 179, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 179, 233) }
```

Border

The CSS property to change the border of an element to RGB 186, 179, 233 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(186, 179, 233) }
```

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

```
.border{ border-color:rgb(186, 179, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 179, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 179, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 179, 233);  
box-shadow:4px 4px 4px 4px rgb(186, 179,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 186, 179, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 179, 233) }
```

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

```
.background{ background-color: rgb(186,  
179, 233) }
```

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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