

Converting Colors

RGB(186, 173, 244)

Have a look what the booklet for
RGB(186, 173, 244) contains.

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Color

RGB(186, 173, 244)

Conversions

Conversions Part 1

Format	Color
Hex	BAADF4
RGB	186, 173, 244
RGB Percent	73%, 68%, 96%
CMY	0.2706, 0.3216, 0.0431
CMYK	0.24, 0.29, 0.00, 0.04
HSL	251°, 76%, 82%
HSV	251°, 29%, 96%
XYZ	51.5224, 46.8579, 91.9169
YIQ	184.9810, -15.0430, 24.8370

Conversions

Conversions Part 2

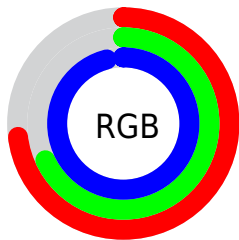
Format	Color
RYB	186, 173, 244
Decimal	12234228
CIELab	74.10, 19.33, -33.68
CIELCh	74, 38.829, 299.850
Yxy	46.8579, 0.2707, 0.2462
Android (android.graphics.Color)	4290424308 (0xFFBAADF4)
YUV	184.9810, 29.0964, 0.8937
Hunter-Lab	68.4528, 14.5592, -31.6963

Details

The RGB color **186, 173, 244** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **231, 244, 173**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **243, 228, 255**, and **132, 121, 188** is the 20% darker color. If you saturate the color by 10%, you get **166, 149, 244**, and if you desaturate by 10%, it is **206, 197, 244**.

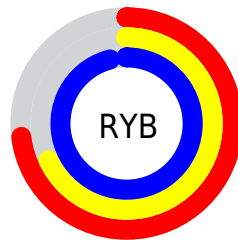
Distribution



Red (73%)

Green (68%)

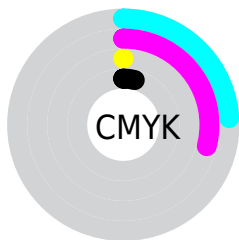
Blue (96%)



Red (73%)

Yellow (68%)

Blue (96%)

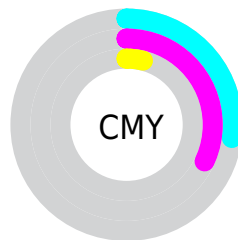


Cyan (24%)

Magenta (29%)

Yellow (0%)

Black (4%)



Cyan (27%)

Magenta (32%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 173, 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 186, 173, 244 by changing the saturation by 10% instead.

■ 186, 173, 244

255, 255, 255

■ 243, 228, 255

■ 186, 173, 244

■ 158, 146, 215

■ 132, 121, 188

■ 105, 96, 160

■ 80, 72, 134

■ 55, 50, 108

■ 29, 28, 84


■ 2, 5, 60


■ 0, 2, 38

■ 0, 1, 15

 186, 173, 244

 186, 173, 244

 166, 149, 244


 206, 197, 244

 146, 124, 244

 226, 222, 244

 126, 100, 244


 246, 246, 244


 106, 75, 244

 255, 255, 244

 86, 51, 244

 66, 27, 244

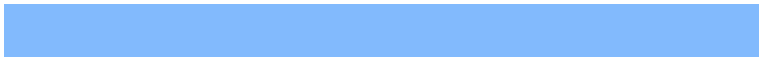
 46, 2, 244

 45, 0, 244

Harmonies

Analogous

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



130, 186, 253



186, 173, 244



227, 161, 219

Triad

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



186, 173, 244



235, 168, 121



79, 201, 181

Complementary

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



186, 173, 244



231, 244, 173

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.



126, 198, 145



186, 173, 244



206, 180, 110

Square

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



186, 173, 244



251, 157, 148



169, 191, 119



36, 200, 216

Rectangle

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



186, 173, 244



244, 156, 196



169, 191, 119



95, 201, 168

Sweetspot

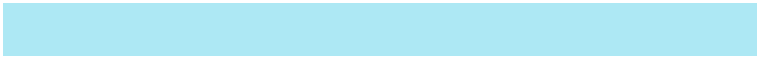
The Sweet Spot groups the original color and five complimentary colors.



186, 173, 244



236, 232, 255



173, 232, 244



116, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



186, 173, 244



182, 166, 255



220, 173, 244



112, 110, 122



34, 0, 186



11, 0, 59

Inverse Universe

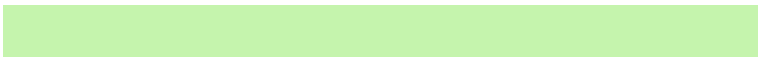
The Inverse Universe completely reimagines the original color for something new.



244, 173, 231



255, 166, 239



197, 244, 173



122, 110, 120



186, 0, 152



59, 0, 48

Previews

White Background



This preview shows how the RGB color 186, 173, 244 looks on a white background.

Color Contrast Check

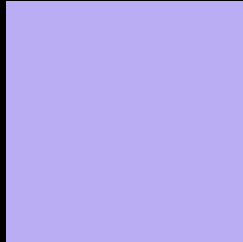
Large Text (above 18pt) WCAG AA × Fail

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 186, 173, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

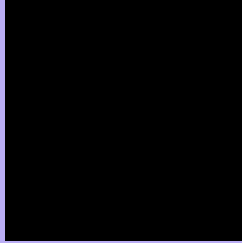
Any Text WCAG AA ✓ Pass

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 186, 173, 244 Background



This preview shows how black text looks on a background with the RGB color 186, 173, 244.



This preview shows how white text looks on a background with the RGB color 186, 173, 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](#).

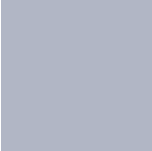
Dichromacy



Original Color
186, 173, 244

Protanopia
162, 180, 249

Deuteranopia
166, 179, 243



Tritanopia
177, 182, 197

Trichromacy



Original Color
186, 173, 244

Protanomaly
171, 177, 247

Deuteranomaly
173, 177, 243

Tritanomaly
180, 179, 214

Monochromacy



Original Color
186, 173, 244

Achromatopsia
185, 185, 185

Achromatomaly
185, 181, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 173, 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(186, 173, 244)` looks like.

```
.text, #text, p{  
    color:rgb(186, 173, 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(186, 173, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 173, 244) }
```

Border

The CSS property to change the border of an element to RGB 186, 173, 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(186, 173, 244) }
```

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

```
.border{ border-color:rgb(186, 173, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 173, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 173, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 173, 244);  
box-shadow:4px 4px 4px 4px rgb(186, 173,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 186, 173, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 173, 244) }
```

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

```
.background{ background-color: rgb(186,  
173, 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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