

Converting Colors

RGB(181, 173, 242)

Have a look what the booklet for
RGB(181, 173, 242) contains.

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Color

RGB(181, 173, 242)

Conversions

Conversions Part 1

Format	Color
Hex	B5ADF2
RGB	181, 173, 242
RGB Percent	71%, 68%, 95%
CMY	0.2902, 0.3216, 0.0510
CMYK	0.25, 0.29, 0.00, 0.05
HSL	247°, 73%, 81%
HSV	247°, 29%, 95%
XYZ	50.0266, 46.1217, 90.2701
YIQ	183.2580, -17.3810, 23.1550

Conversions

Conversions Part 2

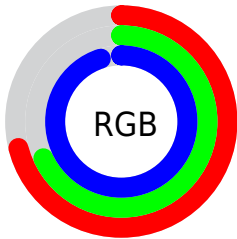
Format	Color
RYB	181, 173, 242
Decimal	11906546
CIELab	73.62, 17.39, -33.36
CIELCh	74, 37.619, 297.528
Yxy	46.1217, 0.2684, 0.2474
Android (android.graphics.Color)	4290096626 (0xFFB5ADF2)
YUV	183.2580, 28.9598, -1.9803
Hunter-Lab	67.9130, 12.6405, -31.2694

Details

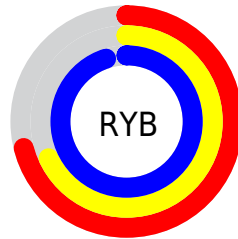
The RGB color **181, 173, 242** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **234, 242, 173**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **238, 228, 255**, and **127, 121, 186** is the 20% darker color. If you saturate the color by 10%, you get **160, 149, 242**, and if you desaturate by 10%, it is **202, 197, 242**.

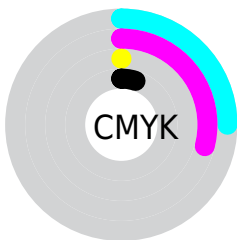
Distribution



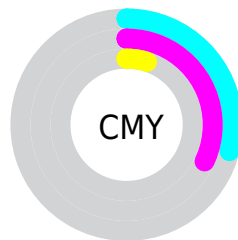
- Red (71%)
- Green (68%)
- Blue (95%)



- Red (71%)
- Yellow (68%)
- Blue (95%)



- Cyan (25%)
- Magenta (29%)
- Yellow (0%)
- Black (5%)



- Cyan (29%)
- Magenta (32%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 173, 242 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 181, 173, 242 by changing the saturation by 10% instead.

■ 181, 173, 242

255, 255, 255

■ 238, 228, 255

■ 181, 173, 242

■ 154, 146, 213

■ 127, 121, 186

■ 101, 96, 158

■ 75, 72, 132


■ 50, 50, 107


■ 23, 29, 82


■ 0, 5, 59

■ 0, 2, 36


■ 0, 0, 12

 181, 173, 242


 181, 173, 242

 160, 149, 242

 202, 197, 242

 138, 125, 242

 224, 221, 242

 117, 100, 242


 245, 246, 242

 95, 76, 242

 255, 255, 242

 74, 52, 242

 53, 28, 242

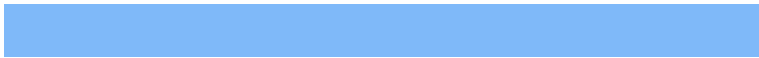
 31, 4, 242

 28, 0, 242

Harmonies

Analogous

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



127, 185, 249



181, 173, 242



222, 161, 218

Triad

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



181, 173, 242



234, 166, 124



86, 199, 177

Complementary

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



181, 173, 242



234, 242, 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.



130, 196, 143



181, 173, 242



207, 178, 112

Square

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



181, 173, 242



248, 157, 151



171, 188, 119



48, 199, 212

Rectangle

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



181, 173, 242



239, 156, 197



171, 188, 119



101, 199, 165

Sweetspot

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



181, 173, 242



235, 232, 255



173, 235, 242



115, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



181, 173, 242



178, 168, 255



214, 173, 242



109, 108, 120



21, 0, 184



7, 0, 56

Inverse Universe

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



242, 173, 234



255, 168, 245



201, 242, 173



120, 108, 118



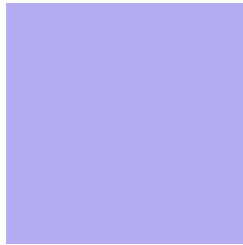
184, 0, 162



56, 0, 50

Previews

White Background



This preview shows how the RGB color 181, 173, 242 looks on a white background.

Color Contrast Check

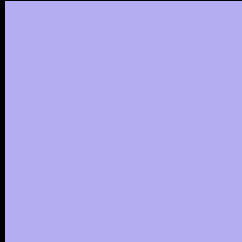
Large Text (above 18pt) WCAG AA × Fail

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 181, 173, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

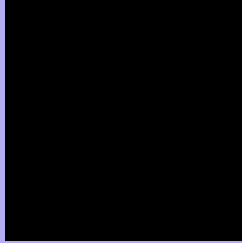
Any Text WCAG AA ✓ Pass

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 181, 173, 242 Background



This preview shows how black text looks on a background with the RGB color 181, 173, 242.



This preview shows how white text looks on a background with the RGB color 181, 173, 242.

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](#).

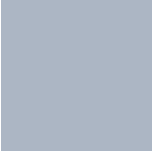
Dichromacy



Original Color
181, 173, 242

Protanopia
161, 178, 246

Deuteranopia
165, 178, 241



Tritanopia
172, 182, 196

Trichromacy



Original Color
181, 173, 242

Protanomaly
168, 176, 245

Deuteranomaly
171, 176, 241

Tritanomaly
175, 179, 213

Monochromacy



Original Color
181, 173, 242

Achromatopsia
183, 183, 183

Achromatomaly
182, 179, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 173, 242 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(181, 173, 242)` looks like.

```
.text, #text, p{  
    color:rgb(181, 173, 242)  
}
```

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(181, 173, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 173, 242) }
```

Border

The CSS property to change the border of an element to RGB 181, 173, 242 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(181, 173, 242) }
```

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

```
.border{ border-color:rgb(181, 173, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 173, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 173, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 173, 242);  
box-shadow:4px 4px 4px 4px rgb(181, 173,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 181, 173, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 173, 242) }
```

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

```
.background{ background-color: rgb(181,  
173, 242) }
```

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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