

Converting Colors

RGB(181, 172, 254)

Have a look what the booklet for
RGB(181, 172, 254) contains.

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Color

RGB(181, 172, 254)

Conversions

Conversions Part 1

Format	Color
Hex	B5ACFE
RGB	181, 172, 254
RGB Percent	71%, 67%, 100%
CMY	0.2902, 0.3255, 0.0039
CMYK	0.29, 0.32, 0.00, 0.00
HSL	247°, 98%, 84%
HSV	247°, 32%, 100%
XYZ	51.6980, 46.4846, 100.0136
YIQ	184.0390, -20.9580, 27.4100

Conversions

Conversions Part 2

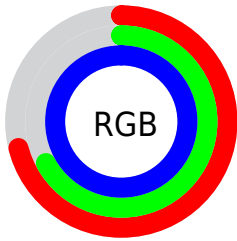
Format	Color
R _Y B	181, 172, 254
Decimal	11906302
CIE Lab	73.86, 20.82, -39.49
CIE LCh	74, 44.640, 297.805
Yxy	46.4846, 0.2608, 0.2345
Android (android.graphics.Color)	4290096382 (0xFFB5ACFE)
YUV	184.0390, 34.4908, -2.6652
Hunter-Lab	68.1796, 16.0354, -39.2476

Details

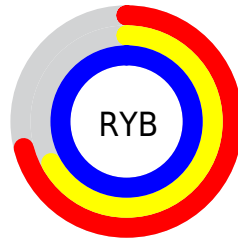
The RGB color **181, 172, 254** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **245, 254, 172**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **238, 227, 255**, and **126, 120, 197** is the 20% darker color. If you saturate the color by 10%, you get **158, 147, 254**, and if you desaturate by 10%, it is **204, 197, 254**.

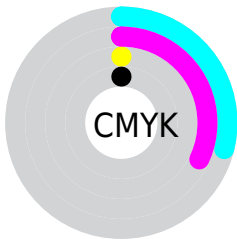
Distribution



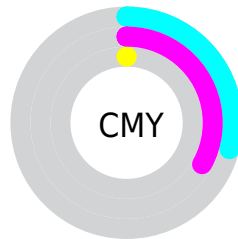
- Red (71%)
- Green (67%)
- Blue (100%)



- Red (71%)
- Yellow (67%)
- Blue (100%)



- Cyan (29%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 172, 254 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, 172, 254 by changing the saturation by 10% instead.

■ 181, 172, 254

255, 255, 255

■ 238, 227, 255

■ 181, 172, 254

■ 153, 145, 225

■ 126, 120, 197

■ 99, 95, 169

■ 73, 71, 143


■ 46, 49, 117


■ 16, 28, 92


■ 0, 5, 68


■ 0, 3, 45


■ 0, 1, 23

 181, 172, 254


 181, 172, 254

 158, 147, 254

 204, 197, 254

 136, 121, 254

 226, 223, 254

 113, 96, 254

 249, 248, 254

 91, 70, 254

255, 255, 254

 68, 45, 254

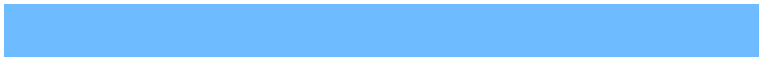
 45, 20, 254

 28, 0, 254

Harmonies

Analogous

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



111, 187, 255



181, 172, 254



230, 157, 226

Triad

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



181, 172, 254



242, 164, 113



51, 203, 177

Complementary

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



181, 172, 254



245, 254, 172

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.



119, 199, 136



181, 172, 254



210, 178, 98

Square

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



181, 172, 254



255, 152, 145



168, 191, 107



0, 202, 218

Rectangle

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



181, 172, 254



250, 151, 200



168, 191, 107



78, 202, 163

Sweetspot

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



181, 172, 254



232, 230, 255



172, 246, 254



114, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



181, 172, 254



166, 156, 255



221, 172, 254



116, 115, 128



21, 0, 191



7, 0, 64

Inverse Universe

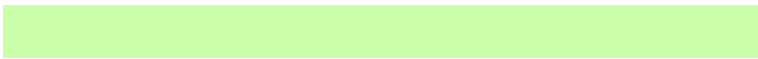
The Inverse Universe completely reimagines the original color for something new.



254, 172, 245



255, 156, 244



205, 254, 172



128, 115, 126



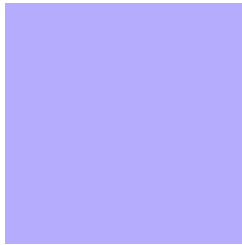
191, 0, 170



64, 0, 57

Previews

White Background



This preview shows how the RGB color 181, 172, 254 looks on a white background.

Color Contrast Check

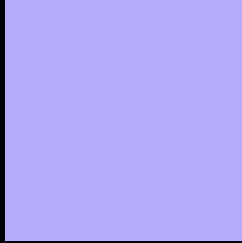
Large Text (above 18pt) WCAG AA × Fail

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, 172, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

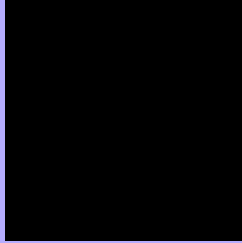
Any Text WCAG AA ✓ Pass

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, 172, 254 Background



This preview shows how black text looks on a background with the RGB color 181, 172, 254.



This preview shows how white text looks on a background with the RGB color 181, 172, 254.

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](#).

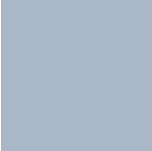
Dichromacy



Original Color
181, 172, 254

Protanopia
158, 179, 255

Deuteranopia
158, 179, 252



Tritanopia

170, 183, 198

Trichromacy



Original Color
181, 172, 254

Protanomaly
166, 176, 255

Deuteranomaly
166, 176, 253

Tritanomaly
174, 179, 218

Monochromacy



Original Color
181, 172, 254

Achromatopsia
184, 184, 184

Achromatomaly
183, 180, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 172, 254 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, 172, 254)` looks like.

```
.text, #text, p{  
    color:rgb(181, 172, 254)  
}
```

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, 172, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 172, 254) }
```

Border

The CSS property to change the border of an element to RGB 181, 172, 254 is called "border". The border property can be set on classes, ids or directly on the HTML element.

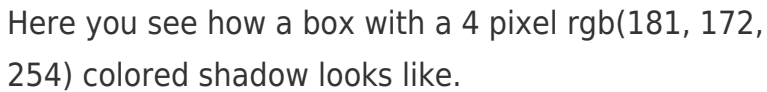
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 172, 254) }
```

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

```
.border{ border-color:rgb(181, 172, 254) }
```

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



Here you see how a box with a 4 pixel rgb(181, 172, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 172, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 172, 254);  
box-shadow:4px 4px 4px 4px rgb(181, 172,  
254) }
```

Background

The CSS property to change the background color of an element to RGB 181, 172, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 172, 254) }
```

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

```
.background{ background-color: rgb(181,  
172, 254) }
```

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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