

Converting Colors

RGB(180, 151, 244)

Have a look what the booklet for
RGB(180, 151, 244) contains.

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Color

RGB(180, 151, 244)

Conversions

Conversions Part 1

Format	Color
Hex	B497F4
RGB	180, 151, 244
RGB Percent	71%, 59%, 96%
CMY	0.2941, 0.4078, 0.0431
CMYK	0.26, 0.38, 0.00, 0.04
HSL	259°, 81%, 77%
HSV	259°, 38%, 96%
XYZ	46.2181, 38.3682, 90.5578
YIQ	170.2730, -12.5690, 35.0710

Conversions

Conversions Part 2

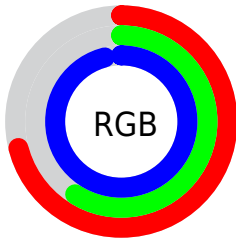
Format	Color
R _Y B	180, 151, 244
Decimal	11835380
CIE Lab	68.29, 29.86, -42.75
CIE LCh	68, 52.149, 304.930
Yxy	38.3682, 0.2639, 0.2191
Android (android.graphics.Color)	4290025460 (0xFFB497F4)
YUV	170.2730, 36.3474, 8.5306
Hunter-Lab	61.9420, 24.7894, -43.3211

Details

The RGB color **180, 151, 244** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **215, 244, 151**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **237, 205, 255**, and **125, 100, 187** is the 20% darker color. If you saturate the color by 10%, you get **163, 127, 244**, and if you desaturate by 10%, it is **197, 175, 244**.

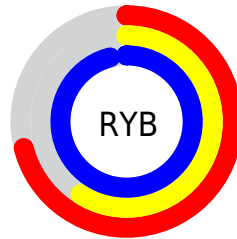
Distribution



Red (71%)

Green (59%)

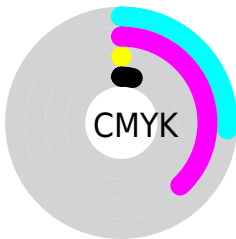
Blue (96%)



Red (71%)

Yellow (59%)

Blue (96%)

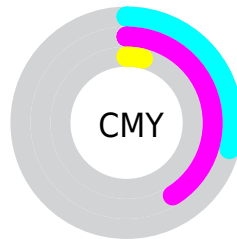


Cyan (26%)

Magenta (38%)

Yellow (0%)

Black (4%)



Cyan (29%)


Magenta (41%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 151, 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 180, 151, 244 by changing the saturation by 10% instead.


 180, 151, 244

255, 255, 255

 237, 205, 255

 255, 234, 255

 180, 151, 244


 152, 125, 215

 125, 100, 187

 98, 75, 160

 72, 52, 133

 45, 30, 108


 15, 9, 83

 0, 0, 59

 0, 2, 37

 0, 1, 13

 180, 151, 244


 180, 151, 244

 163, 127, 244


 197, 175, 244

 146, 102, 244

 214, 200, 244

 130, 78, 244


 230, 224, 244


 113, 53, 244

 247, 249, 244

 96, 29, 244

 255, 255, 244

 79, 5, 244

 76, 0, 244

Harmonies

Analogous

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



95, 169, 255



180, 151, 244



231, 133, 207

Triad

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



180, 151, 244



226, 150, 81



0, 190, 173

Complementary

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



180, 151, 244



215, 244, 151

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.



70, 187, 125



180, 151, 244



186, 167, 68

Square

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



180, 151, 244



250, 133, 115



137, 179, 86



0, 189, 219

Rectangle

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



180, 151, 244



249, 127, 177



137, 179, 86



0, 190, 157

Sweetspot

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



180, 151, 244



236, 227, 255



151, 216, 244



116, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



180, 151, 244



174, 138, 255



225, 151, 244



114, 110, 122



58, 0, 186



18, 0, 59

Inverse Universe

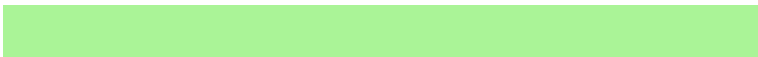
The Inverse Universe completely reimagines the original color for something new.



244, 151, 215



255, 138, 218



170, 244, 151



122, 110, 119



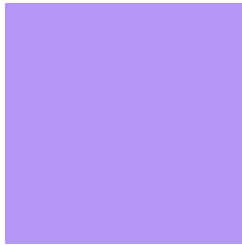
186, 0, 128



59, 0, 40

Previews

White Background



This preview shows how the RGB color 180, 151, 244 looks on a white background.

Color Contrast Check

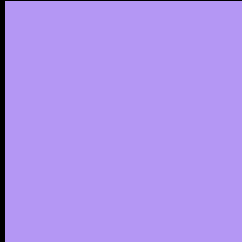
Large Text (above 18pt) WCAG AA × Fail

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 180, 151, 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 180, 151, 244 Background



This preview shows how black text looks on a background with the RGB color 180, 151, 244.

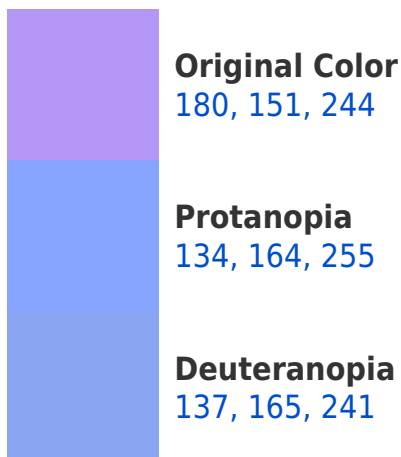



This preview shows how white text looks on a background with the RGB color 180, 151, 244.

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





Tritanopia
168, 165, 178

Trichromacy



Original Color
180, 151, 244

Protanomaly
151, 159, 251

Deuteranomaly
153, 160, 242

Tritanomaly
172, 160, 202

Monochromacy



Original Color
180, 151, 244

Achromatopsia
170, 170, 170

Achromatomaly
174, 163, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 151, 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(180, 151, 244)` looks like.

```
.text, #text, p{  
    color:rgb(180, 151, 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(180, 151, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 151, 244) }
```

Border

The CSS property to change the border of an element to RGB 180, 151, 244 is called "border". The border property can be set on classes, ids or directly on the HTML element.

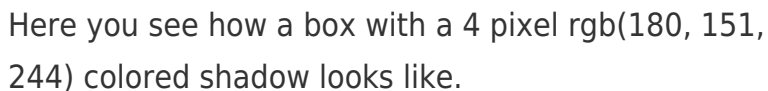
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 151, 244) }
```

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

```
.border{ border-color:rgb(180, 151, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(180, 151, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 151, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 151, 244);  
box-shadow:4px 4px 4px 4px rgb(180, 151,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 180, 151, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 151, 244) }
```

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

```
.background{ background-color: rgb(180,  
151, 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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