

Converting Colors

RGB(180, 169, 253)

Have a look what the booklet for
RGB(180, 169, 253) contains.

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Color

RGB(180, 169, 253)

Conversions

Conversions Part 1

Format	Color
Hex	B4A9FD
RGB	180, 169, 253
RGB Percent	71%, 66%, 99%
CMY	0.2941, 0.3373, 0.0078
CMYK	0.29, 0.33, 0.00, 0.01
HSL	248°, 95%, 83%
HSV	248°, 33%, 99%
XYZ	50.7400, 45.1711, 98.9731
YIQ	181.8650, -20.4080, 28.4560

Conversions

Conversions Part 2

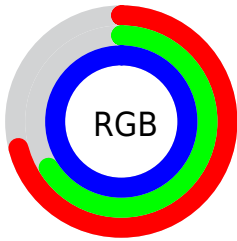
Format	Color
R _Y B	180, 169, 253
Decimal	11839997
CIE Lab	73.00, 21.97, -40.28
CIE LCh	73, 45.884, 298.607
Yxy	45.1711, 0.2604, 0.2318
Android (android.graphics.Color)	4290030077 (0xFFB4A9FD)
YUV	181.8650, 35.0696, -1.6356
Hunter-Lab	67.2094, 17.1426, -40.2643

Details

The RGB color **180, 169, 253** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **242, 253, 169**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **237, 224, 255**, and **125, 117, 196** is the 20% darker color. If you saturate the color by 10%, you get **158, 144, 253**, and if you desaturate by 10%, it is **202, 194, 253**.

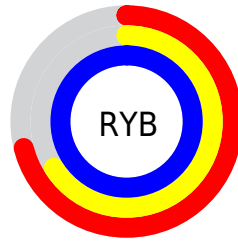
Distribution



Red (71%)

Green (66%)

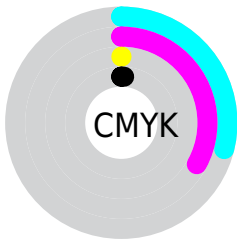
Blue (99%)



Red (71%)

Yellow (66%)

Blue (99%)

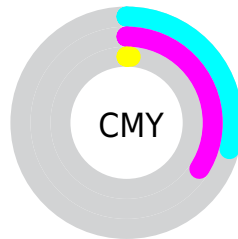


Cyan (29%)

Magenta (33%)

Yellow (0%)

Black (1%)



Cyan (29%)


Magenta (34%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 169, 253 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, 169, 253 by changing the saturation by 10% instead.


 180, 169, 253

255, 255, 255

 237, 224, 255

 255, 253, 255

 180, 169, 253

 152, 143, 224

 125, 117, 196

 98, 92, 168

 72, 69, 142


 45, 46, 116


 14, 26, 91

 0, 1, 67

 0, 3, 44


 0, 1, 22

 180, 169, 253

 180, 169, 253

 158, 144, 253


 202, 194, 253

 136, 118, 253

 224, 220, 253

 114, 93, 253


 246, 245, 253

 92, 68, 253

255, 255, 253

 70, 43, 253

 48, 17, 253

 33, 0, 253

Harmonies

Analogous

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



107, 184, 255



180, 169, 253



230, 154, 224

Triad

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



180, 169, 253



240, 161, 108



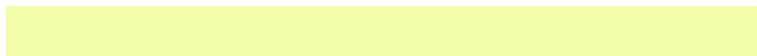
33, 201, 176

Complementary

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



180, 169, 253



242, 253, 169

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.



113, 197, 134



180, 169, 253



207, 176, 94

Square

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



180, 169, 253



255, 149, 141



164, 189, 103



0, 200, 218

Rectangle

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



180, 169, 253



250, 147, 197



164, 189, 103



68, 200, 161

Sweetspot

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



180, 169, 253



233, 230, 255



169, 243, 253



114, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



180, 169, 253



166, 153, 255



221, 169, 253



116, 115, 128



25, 0, 191



8, 0, 64

Inverse Universe

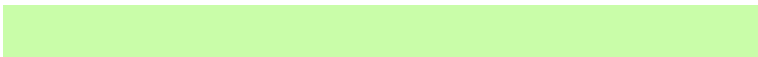
The Inverse Universe completely reimagines the original color for something new.



253, 169, 242



255, 153, 242



201, 253, 169



128, 115, 126



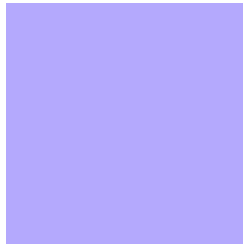
191, 0, 166



64, 0, 55

Previews

White Background



This preview shows how the RGB color 180, 169, 253 looks on a white background.

Color Contrast Check

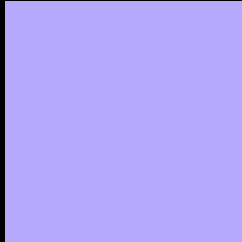
Large Text (above 18pt) WCAG AA × Fail

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, 169, 253 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, 169, 253 Background



This preview shows how black text looks on a background with the RGB color 180, 169, 253.



This preview shows how white text looks on a background with the RGB color 180, 169, 253.

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](#).

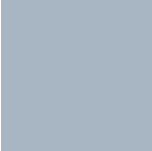
Dichromacy



Original Color
180, 169, 253

Protanopia
154, 176, 255

Deuteranopia
154, 177, 251



Tritanopia
168, 181, 195

Trichromacy



Original Color
180, 169, 253

Protanomaly
163, 173, 254

Deuteranomaly
163, 174, 252

Tritanomaly
172, 177, 216

Monochromacy



Original Color
180, 169, 253

Achromatopsia
182, 182, 182

Achromatomaly
181, 177, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 169, 253 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, 169, 253)` looks like.

```
.text, #text, p{  
    color:rgb(180, 169, 253)  
}
```

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, 169, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 169, 253) }
```

Border

The CSS property to change the border of an element to RGB 180, 169, 253 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, 169, 253) }
```

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

```
.border{ border-color:rgb(180, 169, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 169, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 169, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 169, 253);  
box-shadow:4px 4px 4px 4px rgb(180, 169,  
253) }
```

Background

The CSS property to change the background color of an element to RGB 180, 169, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 169, 253) }
```

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

```
.background{ background-color: rgb(180,  
169, 253) }
```

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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