

Converting Colors

RGB(175, 184, 246)

Have a look what the booklet for
RGB(175, 184, 246) contains.

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Color

RGB(175, 184, 246)

Conversions

Conversions Part 1

Format	Color
Hex	AFB8F6
RGB	175, 184, 246
RGB Percent	69%, 72%, 96%
CMY	0.3137, 0.2784, 0.0353
CMYK	0.29, 0.25, 0.00, 0.04
HSL	232°, 80%, 83%
HSV	232°, 29%, 96%
XYZ	51.4542, 50.0488, 94.1372
YIQ	188.3770, -25.2660, 17.3740

Conversions

Conversions Part 2

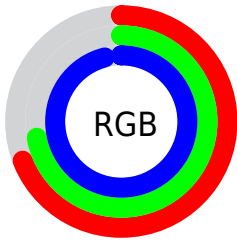
Format	Color
R_{YB}	175, 183, 246
Decimal	11516150
CIE _{Lab}	76.10, 10.52, -31.74
CIE _{LCh}	76, 33.438, 288.345
Yxy	50.0488, 0.2630, 0.2558
Android (android.graphics.Color)	4289706230 (0xFFAFB8F6)
YUV	188.3770, 28.4081, -11.7316
Hunter-Lab	70.7451, 6.0223, -29.3728

Details

The RGB color **175, 184, 246** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **246, 237, 175**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **232, 240, 255**, and **121, 131, 189** is the 20% darker color. If you saturate the color by 10%, you get **150, 163, 246**, and if you desaturate by 10%, it is **200, 205, 246**.

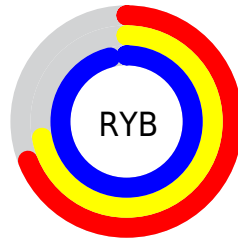
Distribution



Red (69%)

Green (72%)

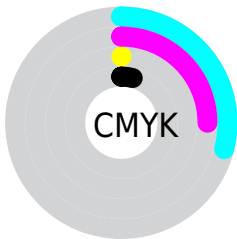
Blue (96%)



Red (69%)

Yellow (72%)

Blue (96%)

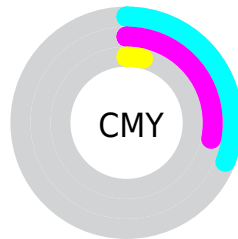


Cyan (29%)

Magenta (25%)

Yellow (0%)

Black (4%)



Cyan (31%)

Magenta (28%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 184, 246 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 175, 184, 246 by changing the saturation by 10% instead.

■ 175, 184, 246

255, 255, 255

■ 232, 240, 255

■ 175, 184, 246

■ 148, 157, 217

■ 121, 131, 189

■ 95, 106, 162

■ 69, 82, 136

■ 43, 59, 110

■ 13, 38, 86

■ 0, 18, 62

■ 0, 3, 40

■ 0, 1, 17

■ 175, 184, 246

■ 175, 184, 246

■ 150, 163, 246

■ 200, 205, 246

■ 126, 141, 246

■ 224, 227, 246

■ 101, 120, 246

■ 249, 248, 246

■ 77, 98, 246

■ 255, 255, 246

■ 52, 77, 246

■ 27, 55, 246

■ 3, 34, 246

■ 0, 31, 246

Harmonies

Analogous

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



129, 194, 247



175, 184, 246



215, 173, 229

Triad

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



175, 184, 246



241, 171, 143



118, 204, 174

Complementary

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



175, 184, 246



246, 237, 175

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.



155, 199, 146



175, 184, 246



220, 182, 127

Square

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



175, 184, 246



249, 165, 170



190, 192, 128



90, 205, 206

Rectangle

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



175, 184, 246



234, 168, 211



190, 192, 128



130, 203, 164

Sweetspot

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



175, 184, 246



232, 235, 255



175, 246, 237



113, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



175, 184, 246



166, 177, 255



201, 175, 246



110, 112, 122



0, 24, 186



0, 7, 59

Inverse Universe

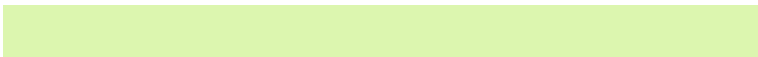
The Inverse Universe completely reimagines the original color for something new.



246, 175, 184



255, 166, 177



220, 246, 175



122, 110, 112



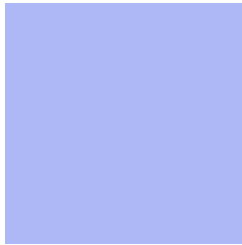
186, 0, 24



59, 0, 7

Previews

White Background



This preview shows how the RGB color 175, 184, 246 looks on a white background.

Color Contrast Check

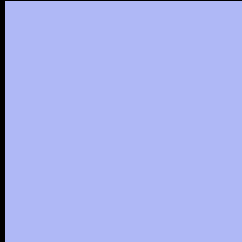
Large Text (above 18pt) WCAG AA × Fail

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 175, 184, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

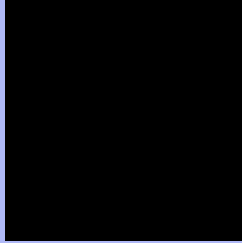
Any Text WCAG AA ✓ Pass

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 175, 184, 246 Background



This preview shows how black text looks on a background with the RGB color 175, 184, 246.



This preview shows how white text looks on a background with the RGB color 175, 184, 246.

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

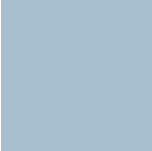
175, 184, 246

Protanopia

171, 185, 247

Deuteranopia

174, 184, 246



Tritanopia
167, 191, 207

Trichromacy



Original Color

175, 184, 246

Protanomaly

172, 185, 247

Deuteranomaly

174, 184, 246

Tritanomaly

170, 188, 221

Monochromacy



Original Color

175, 184, 246

Achromatopsia

188, 188, 188

Achromatomaly

183, 187, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 184, 246 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(175, 184, 246)` looks like.

```
.text, #text, p{  
    color:rgb(175, 184, 246)  
}
```

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(175, 184, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 184, 246) }
```

Border

The CSS property to change the border of an element to RGB 175, 184, 246 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(175, 184, 246) }
```

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

```
.border{ border-color:rgb(175, 184, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 184, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 184, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 184, 246);  
box-shadow:4px 4px 4px 4px rgb(175, 184,  
246) }
```

Background

The CSS property to change the background color of an element to RGB 175, 184, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 184, 246) }
```

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

```
.background{ background-color: rgb(175,  
184, 246) }
```

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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