Converting Colors

RGB(180, 163, 245)

Have a look what the booklet for RGB(180, 163, 245) contains.

Color

RGB(180, 163, 245)

Conversions

Conversions Part 1

Format	Color
Hex	B4A3F5
RGB	180, 163, 245
RGB Percent	71%, 64%, 96%
CMY	0.2941, 0.3608, 0.0392
CMYK	0.27, 0.33, 0.00, 0.04
HSL	252°, 80%, 80%
HSV	252°, 33%, 96%
XYZ	48.4010, 42.4903, 92.0366
YIQ	177.4310, -16.1900, 29.1060

Conversions

Conversions Part 2

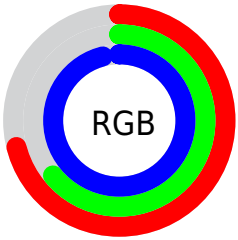
Format	Color
RYB	180, 163, 245
Decimal	11838453
CIELab	71.21, 23.38, -38.74
CIELCh	71, 45.254, 301.112
Yxy	42.4903, 0.2646, 0.2323
Android (android.graphics.Color)	4290028533 (0xFFB4A3F5)
YUV	177.4310, 33.3115, 2.2530
Hunter-Lab	65.1846, 18.4674, -38.0847

Details

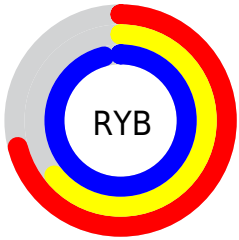
The RGB color 180, 163, 245 is a light color, and the websafe version is hex 9999FF. A complement of this color would be 228, 245, 163, and the grayscale version is 177, 177, 177.

A 20% lighter version of the original color is 237, 218, 255, and 125, 111, 188 is the 20% darker color. If you saturate the color by 10%, you get 161, 139, 245, and if you desaturate by 10%, it is 199, 187, 245.

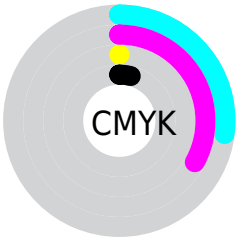
Distribution



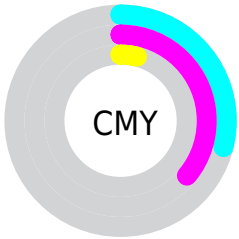
- Red (71%)
- Green (64%)
- Blue (96%)



- Red (71%)
- Yellow (64%)
- Blue (96%)



- Cyan (27%)
- Magenta (33%)
- Yellow (0%)
- Black (4%)



- Cyan (29%)
- Magenta (36%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 163, 245 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, 163, 245 by changing the saturation by 10% instead.

180, 163, 245

255, 255, 255

237, 218, 255

255, 246, 255

180, 163, 245

152, 137, 216

125, 111, 188

99, 87, 161

73, 63, 135

47, 41, 109

18, 21, 84

0, 0, 61

0, 2, 38

0, 1, 15

180, 163, 245

161, 139, 245

141, 114, 245

122, 90, 245

102, 65, 245

83, 41, 245

63, 16, 245

51, 0, 245

180, 163, 245

199, 187, 245

219, 212, 245

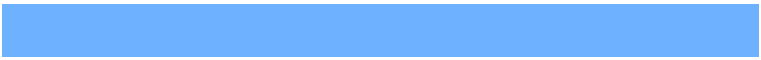
238, 236, 245

255, 255, 245

Harmonies

Analogous

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



110, 178, 255

180, 163, 245

227, 148, 215

Triad

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

180, 163, 245

232, 158, 103

9, 196, 175

Complementary

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

180, 163, 245

228, 245, 163

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.

104, 192, 133

180, 163, 245

198, 172, 90

Square

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

180, 163, 245

251, 145, 134

156, 184, 102

0, 195, 216

Rectangle

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

180, 163, 245

245, 142, 188

156, 184, 102

58, 195, 160

Sweetspot

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

180, 163, 245

235, 230, 255

163, 229, 245

115, 112, 128

0, 0, 0

128, 128, 128

Same Dimension

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

180, 163, 245

174, 153, 255

220, 163, 245

113, 110, 122

39, 0, 186

12, 0, 59

Inverse Universe

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

245, 163, 228

255, 153, 234

188, 245, 163

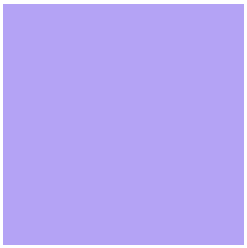
122, 110, 120

186, 0, 148

59, 0, 46

Previews

White Background

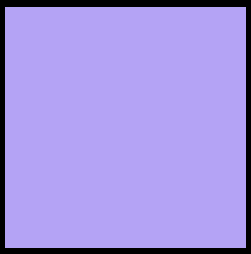


This preview shows how the RGB color 180, 163, 245 looks on a white background.

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



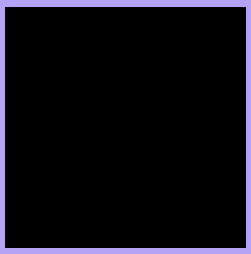
This preview shows how the RGB color 180, 163, 245 looks on a black background.

Color Contrast Check

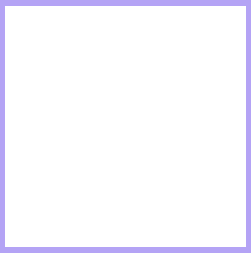
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 180, 163, 245 Background



This preview shows how black text looks on a background with the RGB color 180, 163, 245.

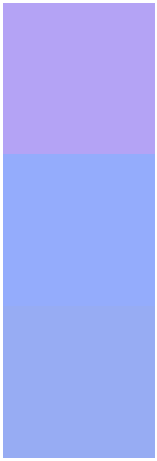


This preview shows how white text looks on a background with the RGB color 180, 163, 245.

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



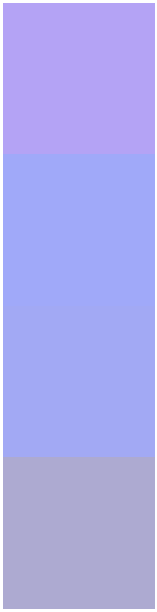
Original Color
180, 163, 245

Protanopia
148, 172, 252

Deuteranopia
151, 172, 243

Tritanopia
169, 174, 188

Trichromacy



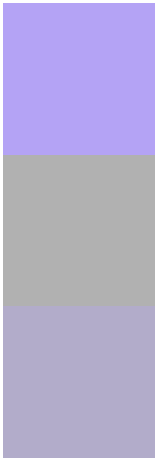
Original Color
180, 163, 245

Protanomaly
160, 169, 249

Deuteranomaly
162, 169, 244

Tritanomaly
173, 170, 209

Monochromacy



Original Color
180, 163, 245

Achromatopsia
177, 177, 177

Achromatomaly
178, 172, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 163, 245 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, 163, 245) looks like.

```
.text, #text, p{
    color:rgb(180, 163, 245)
}
```

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, 163, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 163, 245) }
```

Border

The CSS property to change the border of an element to RGB 180, 163, 245 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, 163, 245) }
```

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

```
.border{ border-color:rgb(180, 163, 245) }
```

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

Here you see how a box with a 4 pixel rgb(180, 163, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 163, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 163, 245); box-shadow:4px 4px 4px 4px rgb(180, 163, 245) }
```

Background

The CSS property to change the background color of an element to RGB 180, 163, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(180, 163, 245) }
```

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

```
.background{ background-color:rgb(180,
163, 245) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor