Converting Colors

RGB(180, 124, 238)

Have a look what the booklet for RGB(180, 124, 238) contains.

Color

RGB(180, 124, 238)

Conversions

Conversions Part 1

Format	Color
Hex	B47CEE
RGB	180, 124, 238
RGB Percent	71%, 49%, 93%
CMY	0.2941, 0.5137, 0.0667
CMYK	0.24, 0.48, 0.00, 0.07
HSL	269°, 77%, 71%
HSV	269°, 48%, 93%
XYZ	41.4627, 30.2916, 84.5505
YIQ	153.7400, -3.2180, 47.3260

Conversions

Conversions Part 2

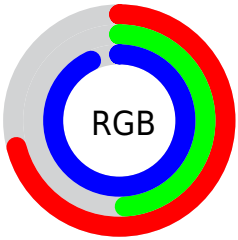
Format	Color
RYB	180, 124, 238
Decimal	11828462
CIELab	61.91, 43.41, -49.51
CIELCh	62, 65.846, 311.243
Yxy	30.2916, 0.2653, 0.1938
Android (android.graphics.Color)	4290018542 (0xFFB47CEE)
YUV	153.7400, 41.5402, 23.0300
Hunter-Lab	55.0378, 38.1564, -52.5562

Details

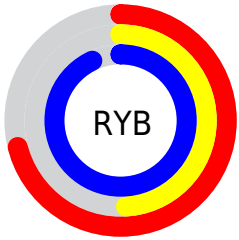
The RGB color 180, 124, 238 is a light color, and the websafe version is hex 9966CC. A complement of this color would be 182, 238, 124, and the grayscale version is 153, 153, 153.

A 20% lighter version of the original color is 238, 178, 255, and 124, 73, 181 is the 20% darker color. If you saturate the color by 10%, you get 168, 100, 238, and if you desaturate by 10%, it is 192, 148, 238.

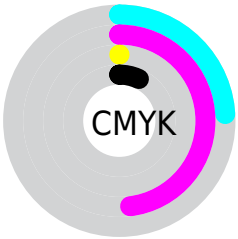
Distribution



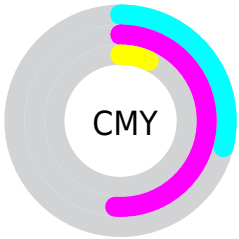
- Red (71%)
- Green (49%)
- Blue (93%)



- Red (71%)
- Yellow (49%)
- Blue (93%)



- Cyan (24%)
- Magenta (48%)
- Yellow (0%)
- Black (7%)



- Cyan (29%)
- Magenta (51%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 124, 238 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, 124, 238 by changing the saturation by 10% instead.

180, 124, 238

255, 255, 255

238, 178, 255

255, 206, 255

255, 234, 255

180, 124, 238

152, 98, 209

124, 73, 181

97, 49, 154

70, 24, 128

42, 0, 102

15, 0, 77

0, 0, 54

0, 2, 31

0, 0, 3

180, 124, 238

168, 100, 238

156, 76, 238

144, 53, 238

132, 29, 238

119, 5, 238

117, 0, 238

180, 124, 238

192, 148, 238

204, 172, 238

216, 195, 238

228, 219, 238

241, 243, 238

253, 255, 238

255, 255, 238

Harmonies

Analogous

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

60, 149, 255

180, 124, 238

235, 99, 188

Triad

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

180, 124, 238

208, 133, 27

0, 177, 171

Complementary

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

180, 124, 238

182, 238, 124

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.

0, 174, 110

180, 124, 238

158, 154, 4

Square

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

180, 124, 238

243, 108, 75

93, 167, 54

0, 175, 225

Rectangle

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

180, 124, 238

252, 91, 150

93, 167, 54

0, 177, 150

Sweetspot

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

180, 124, 238

237, 219, 255

124, 183, 238

116, 106, 128

0, 0, 0

128, 128, 128

Same Dimension

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

180, 124, 238

181, 110, 255

236, 124, 238

114, 108, 120

90, 0, 184

28, 0, 56

Inverse Universe

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

238, 124, 182

255, 110, 184

126, 238, 124

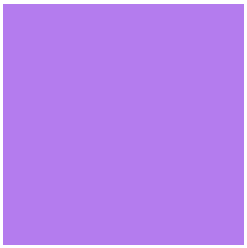
120, 108, 114

184, 0, 93

56, 0, 29

Previews

White Background

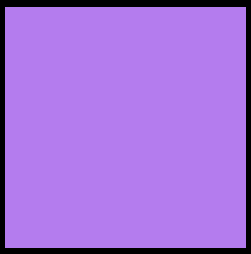


This preview shows how the RGB color 180, 124, 238 looks on a white background.

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



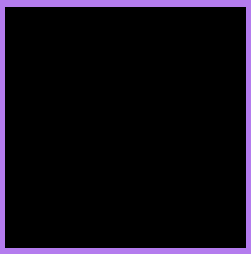
This preview shows how the RGB color 180, 124, 238 looks on a black background.

Color Contrast Check

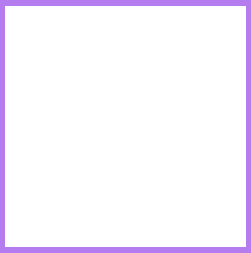
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 180, 124, 238 Background



This preview shows how black text looks on a background with the RGB color 180, 124, 238.

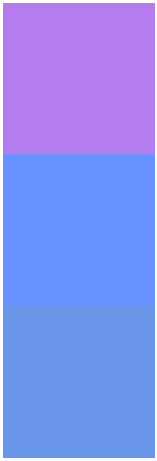


This preview shows how white text looks on a background with the RGB color 180, 124, 238.

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



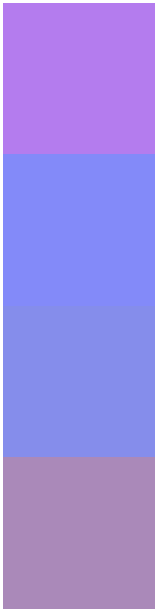
Original Color
180, 124, 238

Protanopia
103, 146, 255

Deuteranopia
106, 150, 233

Tritanopia
165, 144, 155

Trichromacy



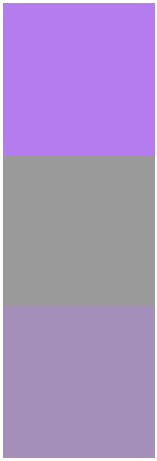
Original Color
180, 124, 238

Protanomaly
131, 138, 249

Deuteranomaly
133, 141, 235

Tritanomaly
170, 137, 185

Monochromacy



Original Color
180, 124, 238

Achromatopsia
154, 154, 154

Achromatomaly
163, 143, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 124, 238 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, 124, 238) looks like.

```
.text, #text, p{
    color:rgb(180, 124, 238)
}
```

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, 124, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 124, 238) }
```

Border

The CSS property to change the border of an element to RGB 180, 124, 238 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, 124, 238) }
```

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

```
.border{ border-color:rgb(180, 124, 238) }
```

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

Here you see how a box with a 4 pixel rgb(180, 124, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 124, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 124, 238); box-shadow:4px 4px 4px 4px rgb(180, 124, 238) }
```

Background

The CSS property to change the background color of an element to RGB 180, 124, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(180, 124, 238) }
```

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

```
.background{ background-color:rgb(180,
124, 238) }
```

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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