Converting Colors

RGB(180, 124, 224)

Have a look what the booklet for RGB(180, 124, 224) contains.

Color

RGB(180, 124, 224)

Conversions

Conversions Part 1

Format	Color
Hex	B47CE0
RGB	180, 124, 224
RGB Percent	71%, 49%, 88%
CMY	0.2941, 0.5137, 0.1216
CMYK	0.20, 0.45, 0.00, 0.12
HSL	274°, 62%, 68%
HSV	274°, 45%, 88%
XYZ	39.4846, 29.5004, 74.1341
YIQ	152.1440, 1.2760, 42.9720

Conversions

Conversions Part 2

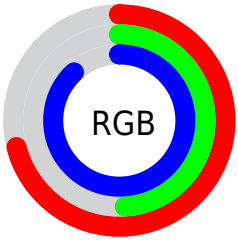
Format	Color
RYB	180, 124, 224
Decimal	11828448
CIELab	61.22, 40.23, -42.81
CIELCh	61, 58.745, 313.222
Yxy	29.5004, 0.2759, 0.2061
Android (android.graphics.Color)	4290018528 (0xFFB47CE0)
YUV	152.1440, 35.4250, 24.4297
Hunter-Lab	54.3143, 34.7132, -42.9055

Details

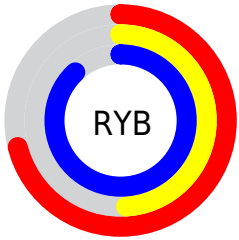
The RGB color 180, 124, 224 is a light color, and the websafe version is hex 9966CC. A complement of this color would be 168, 224, 124, and the grayscale version is 152, 152, 152.

A 20% lighter version of the original color is 237, 178, 255, and 125, 73, 168 is the 20% darker color. If you saturate the color by 10%, you get 170, 102, 224, and if you desaturate by 10%, it is 190, 146, 224.

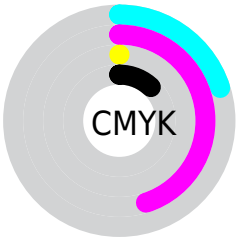
Distribution



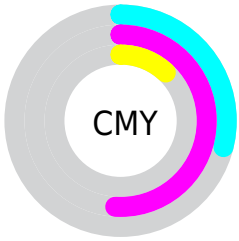
- Red (71%)
- Green (49%)
- Blue (88%)



- Red (71%)
- Yellow (49%)
- Blue (88%)



- Cyan (20%)
- Magenta (45%)
- Yellow (0%)
- Black (12%)



- Cyan (29%)
- Magenta (51%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 124, 224 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, 224 by changing the saturation by 10% instead.

180, 124, 224

255, 255, 255

237, 178, 255

255, 205, 255

255, 234, 255

180, 124, 224

152, 98, 196

125, 73, 168

98, 49, 141

72, 24, 115

46, 0, 90

24, 0, 66

0, 1, 43

0, 1, 21

0, 0, 0

180, 124, 224

170, 102, 224

160, 79, 224

150, 57, 224

141, 34, 224

131, 12, 224

125, 0, 224

180, 124, 224

190, 146, 224

200, 169, 224

210, 191, 224

219, 214, 224

229, 236, 224

239, 255, 224

249, 255, 224

255, 255, 224

Harmonies

Analogous

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

90, 146, 249

180, 124, 224

227, 104, 179

Triad

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

180, 124, 224

199, 135, 42

0, 173, 170

Complementary

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

180, 124, 224

168, 224, 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, 171, 116

180, 124, 224

153, 152, 35

Square

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

180, 124, 224

231, 114, 79

95, 164, 67

0, 170, 218

Rectangle

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

180, 124, 224

241, 99, 144

95, 164, 67

0, 173, 152

Sweetspot

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

180, 124, 224

240, 222, 255

124, 169, 224

119, 107, 128

0, 0, 0

128, 128, 128

Same Dimension

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

180, 124, 224

194, 117, 255

224, 124, 219

107, 101, 112

99, 0, 176

27, 0, 48

Inverse Universe

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

224, 124, 168

255, 117, 178

124, 224, 129

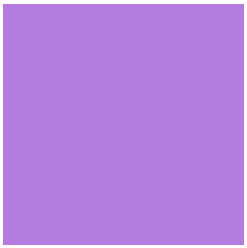
112, 101, 106

176, 0, 77

48, 0, 21

Previews

White Background

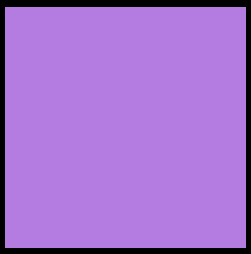


This preview shows how the RGB color 180, 124, 224 looks on a white background.

Color Contrast Check

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

Black Background



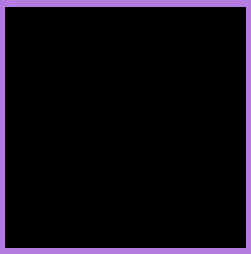
This preview shows how the RGB color 180, 124, 224 looks on a black background.

Color Contrast Check

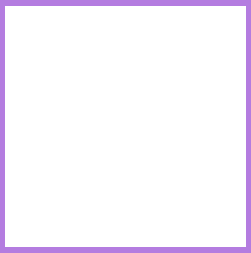
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

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

RGB 180, 124, 224 Background



This preview shows how black text looks on a background with the RGB color 180, 124, 224.

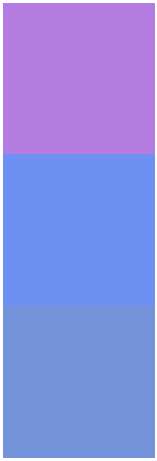


This preview shows how white text looks on a background with the RGB color 180, 124, 224.

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



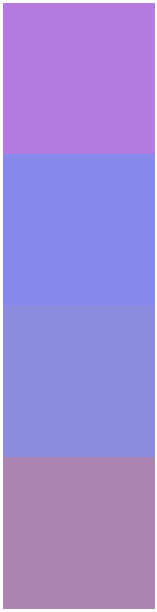
Original Color
180, 124, 224

Protanopia
109, 145, 242

Deuteranopia
117, 147, 219

Tritanopia
168, 140, 151

Trichromacy



Original Color
180, 124, 224

Protanomaly
135, 137, 235

Deuteranomaly
140, 139, 221

Tritanomaly
172, 134, 178

Monochromacy

Original Color
180, 124, 224

Achromatopsia
152, 152, 152

Achromatomaly
162, 142, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 124, 224 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, 224) looks like.

```
.text, #text, p{
    color:rgb(180, 124, 224)
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 124, 224) }
```

Border

The CSS property to change the border of an element to RGB 180, 124, 224 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, 224) }
```

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

```
.border{ border-color:rgb(180, 124, 224) }
```

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, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 124, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 124, 224); box-shadow:4px 4px 4px 4px rgb(180, 124, 224) }
```

Background

The CSS property to change the background color of an element to RGB 180, 124, 224 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, 224) }
```

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

```
.background{ background-color:rgb(180,
124, 224) }
```

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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