Converting Colors

RGB(180, 120, 184)

Have a look what the booklet for RGB(180, 120, 184) contains.

Color

RGB(180, 120, 184)

Conversions

Conversions Part 1

Format	Color
Hex	B478B8
RGB	180, 120, 184
RGB Percent	71%, 47%, 72%
CMY	0.2941, 0.5294, 0.2784
CMYK	0.02, 0.35, 0.00, 0.28
HSL	296°, 31%, 60%
HSV	296°, 35%, 72%
XYZ	34.1906, 26.5969, 48.6791
YIQ	145.2360, 15.2160, 32.6240

Conversions

Conversions Part 2

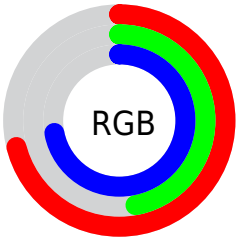
Format	Color
RYB	180, 120, 184
Decimal	11827384
CIELab	58.60, 34.05, -24.31
CIELCh	59, 41.837, 324.475
Yxy	26.5969, 0.3123, 0.2430
Android (android.graphics.Color)	4290017464 (0xFFB478B8)
YUV	145.2360, 19.1107, 30.4880
Hunter-Lab	51.5722, 28.0879, -19.8634

Details

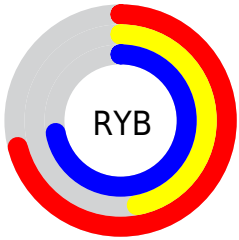
The RGB color 180, 120, 184 is a light color, and the websafe version is hex 996699. A complement of this color would be 124, 184, 120, and the grayscale version is 145, 145, 145.

A 20% lighter version of the original color is 237, 173, 240, and 126, 70, 131 is the 20% darker color. If you saturate the color by 10%, you get 179, 102, 184, and if you desaturate by 10%, it is 181, 138, 184.

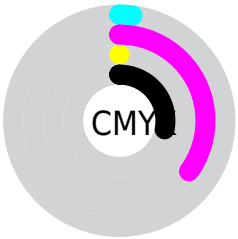
Distribution



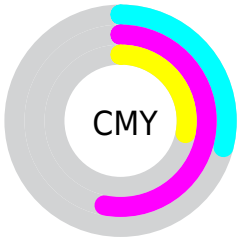
- Red (71%)
- Green (47%)
- Blue (72%)



- Red (71%)
- Yellow (47%)
- Blue (72%)



- Cyan (2%)
- Magenta (35%)
- Yellow (0%)
- Black (28%)



- Cyan (29%)
- Magenta (53%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 120, 184 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, 120, 184 by changing the saturation by 10% instead.

180, 120, 184	180, 120, 184
255, 255, 255	153, 95, 157
237, 173, 240	126, 70, 131
255, 201, 255	100, 46, 105
255, 229, 255	75, 22, 81
	51, 0, 58
	31, 0, 36
	0, 0, 11
	0, 0, 0

180, 120, 184	180, 120, 184

179, 102, 184

178, 83, 184

177, 65, 184

175, 46, 184

174, 28, 184

173, 10, 184

173, 0, 184

181, 138, 184

182, 157, 184

183, 175, 184

185, 194, 184

186, 212, 184

187, 230, 184

188, 249, 184

189, 255, 184

190, 255, 184

Harmonies

Analogous

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

133, 134, 208

180, 120, 184

205, 111, 149

Triad

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

180, 120, 184

169, 137, 66

0, 159, 170

Complementary

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

180, 120, 184

124, 184, 120

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.

1, 159, 133

180, 120, 184

133, 148, 72

Square

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

180, 120, 184

196, 123, 82

89, 156, 97

0, 155, 200

Rectangle

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

180, 120, 184

211, 111, 124

89, 156, 97

0, 160, 158

Sweetspot

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

180, 120, 184

238, 216, 240

120, 124, 184

119, 105, 120

247, 247, 247

120, 120, 120

Same Dimension

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

180, 120, 184

233, 139, 240

184, 120, 156

91, 83, 92

146, 0, 156

26, 0, 28

Inverse Universe

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

184, 120, 124

240, 139, 145

120, 184, 148

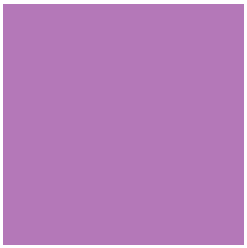
92, 83, 83

156, 0, 10

28, 0, 2

Previews

White Background

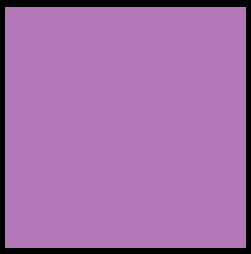


This preview shows how the RGB color 180, 120, 184 looks on a white background.

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



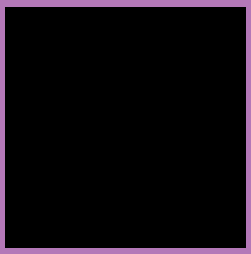
This preview shows how the RGB color 180, 120, 184 looks on a black background.

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, 120, 184 Background



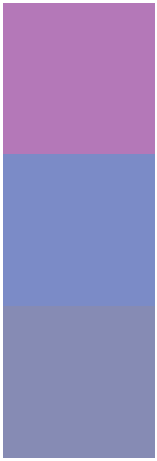
This preview shows how black text looks on a background with the RGB color 180, 120, 184.

This preview shows how white text looks on a background with the RGB color 180, 120, 184.

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



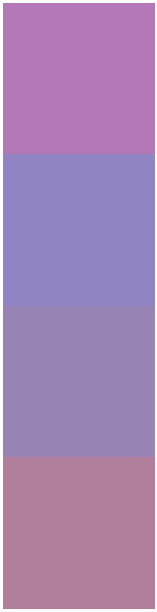
Original Color
180, 120, 184

Protanopia
123, 139, 199

Deuteranopia
134, 139, 180

Tritanopia
174, 129, 139

Trichromacy



Original Color
180, 120, 184

Protanomaly
144, 132, 194

Deuteranomaly
151, 132, 181

Tritanomaly
176, 126, 155

Monochromacy

Original Color
180, 120, 184

Achromatopsia
145, 145, 145

Achromatomaly
158, 136, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 120, 184 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, 120, 184) looks like.

```
.text, #text, p{
    color:rgb(180, 120, 184)
}
```

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, 120, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 120, 184) }
```

Border

The CSS property to change the border of an element to RGB 180, 120, 184 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, 120, 184) }
```

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

```
.border{ border-color:rgb(180, 120, 184) }
```

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

Here you see how a box with a 4 pixel rgb(180, 120, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 120, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 120, 184); box-shadow:4px 4px 4px 4px rgb(180, 120, 184) }
```

Background

The CSS property to change the background color of an element to RGB 180, 120, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(180, 120, 184) }
```

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

```
.background{ background-color:rgb(180,
120, 184) }
```

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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