Converting Colors

RGB(180, 103, 152)

Have a look what the booklet for RGB(180, 103, 152) contains.

Color

RGB(180, 103, 152)

Conversions

Conversions Part 1

Format	Color
Hex	B46798
RGB	180, 103, 152
RGB Percent	71%, 40%, 60%
CMY	0.2941, 0.5961, 0.4039
CMYK	0.00, 0.43, 0.16, 0.29
HSL	322°, 34%, 55%
HSV	322°, 43%, 71%
XYZ	29.3401, 21.6708, 32.3422
YIQ	131.6090, 30.1630, 31.5630

Conversions

Conversions Part 2

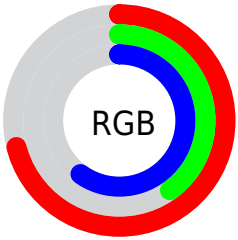
Format	Color
RYB	180, 103, 152
Decimal	11823000
CIELab	53.68, 37.59, -13.31
CIELCh	54, 39.878, 340.498
Yxy	21.6708, 0.3520, 0.2600
Android (android.graphics.Color)	4290013080 (0xFFB46798)
YUV	131.6090, 10.0528, 42.4389
Hunter-Lab	46.5519, 31.0369, -8.6058

Details

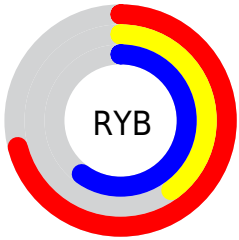
The RGB color 180, 103, 152 is a dark color, and the websafe version is hex CC6699. A complement of this color would be 103, 180, 131, and the grayscale version is 131, 131, 131.

A 20% lighter version of the original color is 237, 156, 206, and 125, 53, 101 is the 20% darker color. If you saturate the color by 10%, you get 180, 85, 145, and if you desaturate by 10%, it is 180, 121, 159.

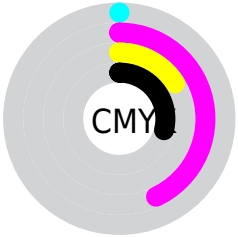
Distribution



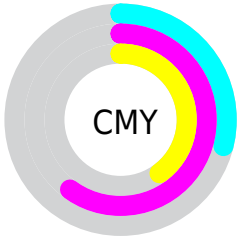
- Red (71%)
- Green (40%)
- Blue (60%)



- Red (71%)
- Yellow (40%)
- Blue (60%)



- Cyan (0%)
- Magenta (43%)
- Yellow (16%)
- Black (29%)



- Cyan (29%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 103, 152 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, 103, 152 by changing the saturation by 10% instead.

180, 103, 152

255, 255, 255

237, 156, 206

255, 183, 235

255, 211, 255

255, 240, 255

180, 103, 152

152, 78, 126

125, 53, 101

99, 27, 77

74, 0, 54

50, 0, 33

21, 0, 6

0, 0, 0

180, 103, 152

180, 85, 145

180, 103, 152

180, 121, 159

180, 67, 139

180, 49, 132

180, 31, 126

180, 13, 119

180, 0, 115

180, 139, 165

180, 157, 172

180, 175, 178

180, 193, 185

180, 211, 191

180, 229, 198

180, 247, 204

180, 255, 211

Harmonies

Analogous

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

147, 115, 181

180, 103, 152

193, 100, 117

Triad

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

180, 103, 152

137, 130, 58

0, 144, 172

Complementary

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

180, 103, 152

103, 180, 131

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, 146, 140

180, 103, 152

100, 139, 74

Square

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

180, 103, 152

167, 118, 63

49, 144, 104

0, 138, 193

Rectangle

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

180, 103, 152

191, 103, 95

49, 144, 104

0, 145, 162

Sweetspot

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

180, 103, 152

235, 204, 224

130, 103, 180

117, 99, 110

245, 245, 245

117, 117, 117

Same Dimension

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

180, 103, 152

235, 115, 191

180, 103, 115

89, 80, 86

153, 0, 97

26, 0, 16

Inverse Universe

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

180, 103, 152

235, 115, 191

103, 180, 168

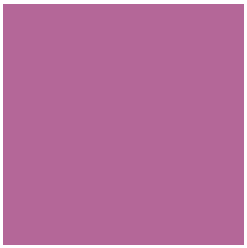
89, 80, 86

153, 0, 97

26, 0, 16

Previews

White Background

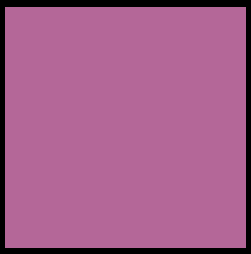


This preview shows how the RGB color 180, 103, 152 looks on a white background.

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



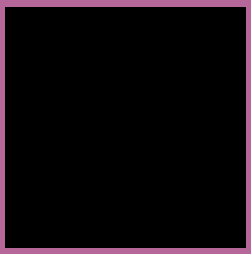
This preview shows how the RGB color 180, 103, 152 looks on a black background.

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, 103, 152 Background



This preview shows how black text looks on a background with the RGB color 180, 103, 152.

This preview shows how white text looks on a background with the RGB color 180, 103, 152.

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

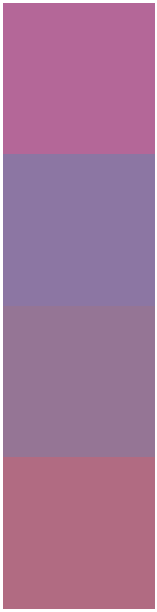
Original Color
180, 103, 152

Protanopia
117, 127, 169

Deuteranopia
132, 125, 148

Tritanopia
176, 110, 118

Trichromacy



Original Color
180, 103, 152

Protanomaly
140, 118, 163

Deuteranomaly
149, 117, 149

Tritanomaly
177, 107, 130

Monochromacy

Original Color
180, 103, 152

Achromatopsia
132, 132, 132

Achromatomaly
149, 121, 139

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 103, 152 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, 103, 152) looks like.

```
.text, #text, p{
    color:rgb(180, 103, 152)
}
```

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, 103, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 103, 152) }
```

Border

The CSS property to change the border of an element to RGB 180, 103, 152 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, 103, 152) }
```

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

```
.border{ border-color:rgb(180, 103, 152) }
```

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

Here you see how a box with a 4 pixel rgb(180, 103, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 103, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 103, 152); box-shadow:4px 4px 4px 4px rgb(180, 103, 152) }
```

Background

The CSS property to change the background color of an element to RGB 180, 103, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(180, 103, 152) }
```

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

```
.background{ background-color:rgb(180,
103, 152) }
```

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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