Converting Colors

RGB(179, 93, 176)

Have a look what the booklet for RGB(179, 93, 176) contains.

Color

RGB(179, 93, 176)

Conversions

Conversions Part 1

Format	Color
Hex	B35DB0
RGB	179, 93, 176
RGB Percent	70%, 36%, 69%
CMY	0.2980, 0.6353, 0.3098
CMYK	0.00, 0.48, 0.02, 0.30
HSL	302°, 36%, 53%
HSV	302°, 48%, 70%
XYZ	30.3412, 20.5470, 43.4411
YIQ	128.1760, 24.6130, 44.0450

Conversions

Conversions Part 2

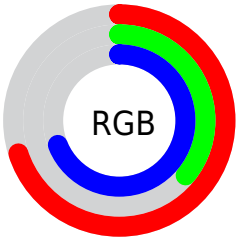
Format	Color
RYB	179, 93, 176
Decimal	11754928
CIELab	52.45, 46.67, -29.22
CIELCh	52, 55.065, 327.954
Yxy	20.5470, 0.3217, 0.2178
Android (android.graphics.Color)	4289945008 (0xFFB35DB0)
YUV	128.1760, 23.5772, 44.5726
Hunter-Lab	45.3288, 40.1552, -25.0907

Details

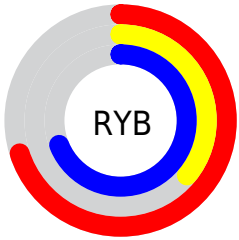
The RGB color 179, 93, 176 is a light color, and the websafe version is hex CC66CC. A complement of this color would be 93, 179, 96, and the grayscale version is 128, 128, 128.

A 20% lighter version of the original color is 236, 146, 232, and 124, 41, 123 is the 20% darker color. If you saturate the color by 10%, you get 179, 75, 175, and if you desaturate by 10%, it is 179, 111, 177.

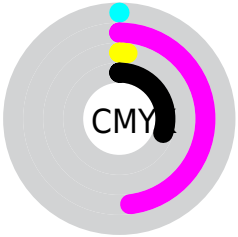
Distribution



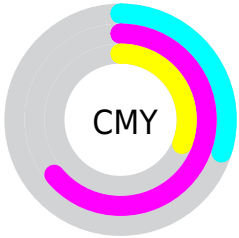
- Red (70%)
- Green (36%)
- Blue (69%)



- Red (70%)
- Yellow (36%)
- Blue (69%)



- Cyan (0%)
- Magenta (48%)
- Yellow (2%)
- Black (30%)



- Cyan (30%)
- Magenta (64%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 179, 93, 176 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 179, 93, 176 by changing the saturation by 10% instead.

179, 93, 176

255, 255, 255

236, 146, 232

255, 174, 255

255, 202, 255

255, 230, 255

179, 93, 176

151, 67, 149

124, 41, 123

98, 9, 98

72, 0, 74

48, 0, 51

17, 0, 29

0, 0, 0

179, 93, 176

179, 75, 175

179, 93, 176

179, 111, 177

179, 57, 175

179, 39, 174

179, 21, 174

179, 3, 173

179, 0, 173

179, 129, 177

179, 147, 178

179, 165, 178

179, 182, 179

179, 200, 180

179, 218, 180

179, 236, 181

179, 254, 182

Harmonies

Analogous

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

119, 114, 209

179, 93, 176

207, 79, 130

Triad

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

179, 93, 176

152, 122, 16

0, 147, 168

Complementary

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

179, 93, 176

93, 179, 96

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, 147, 120

179, 93, 176

105, 135, 32

Square

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

179, 93, 176

187, 103, 44

32, 143, 72

0, 142, 205

Rectangle

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

179, 93, 176

210, 81, 99

32, 143, 72

0, 148, 153

Sweetspot

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

179, 93, 176

232, 200, 231

96, 93, 179

117, 97, 117

245, 245, 245

117, 117, 117

Same Dimension

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

179, 93, 176

232, 97, 227

179, 93, 133

89, 80, 89

153, 0, 148

26, 0, 25

Inverse Universe

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

179, 93, 176

232, 97, 227

93, 179, 139

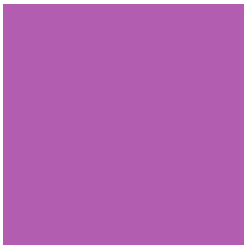
89, 80, 89

153, 0, 148

26, 0, 25

Previews

White Background

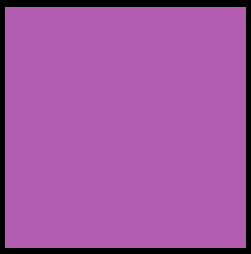


This preview shows how the RGB color 179, 93, 176 looks on a white background.

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



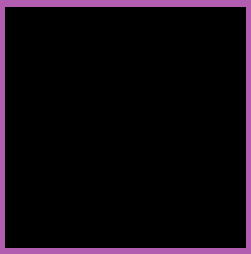
This preview shows how the RGB color 179, 93, 176 looks on a black background.

Color Contrast Check

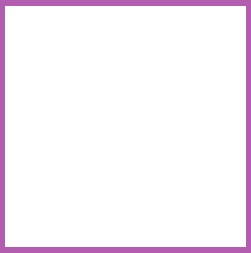
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

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

RGB 179, 93, 176 Background



This preview shows how black text looks on a background with the RGB color 179, 93, 176.

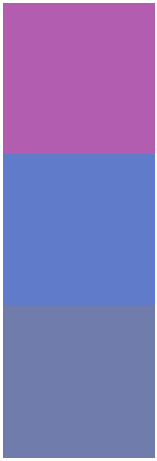


This preview shows how white text looks on a background with the RGB color 179, 93, 176.

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



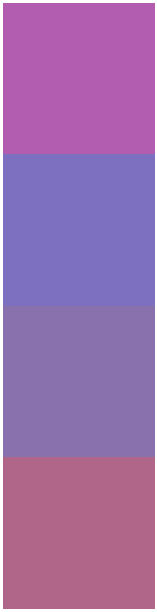
Original Color
179, 93, 176

Protanopia
96, 123, 201

Deuteranopia
112, 124, 171

Tritanopia
172, 107, 115

Trichromacy



Original Color
179, 93, 176

Protanomaly
126, 112, 192

Deuteranomaly
136, 113, 173

Tritanomaly
175, 102, 137

Monochromacy

Original Color
179, 93, 176

Achromatopsia
128, 128, 128

Achromatomaly
147, 115, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 179, 93, 176 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(179, 93, 176) looks like.

```
.text, #text, p{
    color:rgb(179, 93, 176)
}
```

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(179, 93, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 93, 176) }
```

Border

The CSS property to change the border of an element to RGB 179, 93, 176 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(179, 93, 176) }
```

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

```
.border{ border-color:rgb(179, 93, 176) }
```

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

Here you see how a box with a 4 pixel rgb(179, 93, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 93, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 93, 176); box-shadow:4px 4px 4px 4px rgb(179, 93, 176) }
```

Background

The CSS property to change the background color of an element to RGB 179, 93, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(179, 93, 176) }
```

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

```
.background{ background-color:rgb(179, 93,
176) }
```

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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