Converting Colors

RGB(183, 50, 198)

Have a look what the booklet for RGB(183, 50, 198) contains.

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Color

RGB(183, 50, 198)

Conversions

Conversions Part 1

Format	Color
Hex	B732C6
RGB	183, 50, 198
RGB Percent	72%, 20%, 78%
CMY	0.2824, 0.8039, 0.2235
CMYK	0.08, 0.75, 0.00, 0.22
HSL	294°, 60%, 49%
HSV	294°, 75%, 78%
XYZ	30.8621, 16.4257, 54.9699
YIQ	106.6390, 31.7600, 74.2240

Conversions

Conversions Part 2

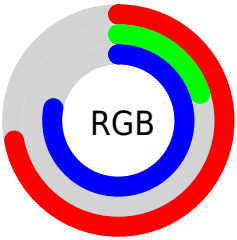
Format	Color
RYB	183, 50, 198
Decimal	12006086
CIELab	47.53, 69.83, -49.72
CIELCh	48, 85.726, 324.550
Yxy	16.4257, 0.3018, 0.1606
Android (android.graphics.Color)	4290196166 (0xFFB732C6)
YUV	106.6390, 45.0410, 66.9686
Hunter-Lab	40.5286, 65.0006, -52.0464

Details

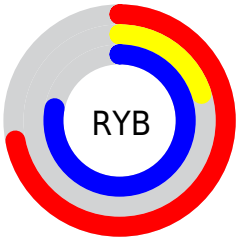
The RGB color 183, 50, 198 is a dark color, and the websafe version is hex CC33CC. The color can be described as middle muted purple. A complement of this color would be 65, 198, 50, and the grayscale version is 106, 106, 106.

A 20% lighter version of the original color is 242, 110, 255, and 126, 0, 143 is the 20% darker color. If you saturate the color by 10%, you get 181, 30, 198, and if you desaturate by 10%, it is 185, 70, 198.

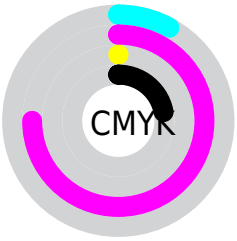
Distribution



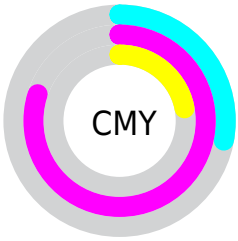
- Red (72%)
- Green (20%)
- Blue (78%)



- Red (72%)
- Yellow (20%)
- Blue (78%)



- Cyan (8%)
- Magenta (75%)
- Yellow (0%)
- Black (22%)



- Cyan (28%)
- Magenta (80%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 183, 50, 198 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 183, 50, 198 by changing the saturation by 10% instead.

183, 50, 198

255, 255, 255

242, 110, 255

255, 139, 255

255, 167, 255

255, 196, 255

255, 226, 255

183, 50, 198

183, 50, 198

154, 2, 170

126, 0, 143

98, 0, 117

70, 0, 92

44, 0, 67

3, 0, 44

0, 1, 22

0, 0, 0

183, 50, 198

183, 50, 198

181, 30, 198

179, 10, 198

178, 0, 198

185, 70, 198

187, 90, 198

189, 109, 198

191, 129, 198

193, 149, 198

195, 169, 198

197, 189, 198

199, 208, 198

201, 228, 198

Harmonies

Analogous

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

49, 100, 247

183, 50, 198

228, 0, 129

Triad

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

183, 50, 198

149, 106, 0

0, 142, 171

Complementary

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

183, 50, 198

65, 198, 50

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, 141, 97

183, 50, 198

79, 126, 0

Square

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

183, 50, 198

200, 69, 0

0, 136, 3

0, 139, 231

Rectangle

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

183, 50, 198

234, 0, 82

0, 136, 3

0, 142, 147

Sweetspot

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

183, 50, 198

249, 199, 255

50, 67, 198

124, 94, 128

0, 0, 0

128, 128, 128

Same Dimension

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

183, 50, 198

232, 25, 255

198, 50, 141

98, 90, 99

147, 0, 163

32, 0, 36

Inverse Universe

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

198, 50, 65

255, 25, 49

50, 198, 107

99, 90, 91

163, 0, 17

36, 0, 4

Previews

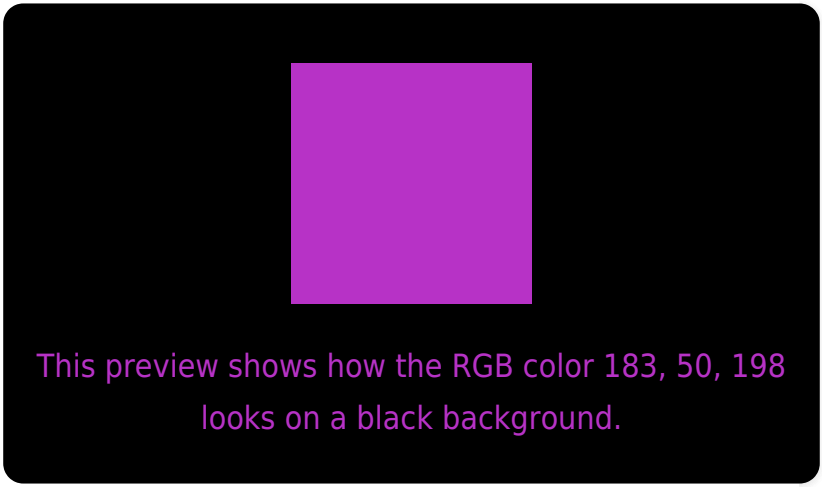
White Background

This preview shows how the RGB color 183, 50, 198 looks on a white 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

Black 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

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

RGB 183, 50, 198 Background

This preview shows how black text looks on a background with the RGB color 183, 50, 198.

This preview shows how white text looks on a background with the RGB color 183, 50, 198.

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
183, 50, 198

Protanopia
0, 109, 232

Deuteranopia
64, 114, 188

Tritanopia
170, 88, 94

Trichromacy

Original Color
183, 50, 198

Protanomaly
67, 88, 220

Deuteranomaly
107, 91, 192

Tritanomaly
175, 74, 132

Monochromacy

Original Color
183, 50, 198

Achromatopsia
107, 107, 107

Achromatomaly
135, 86, 140

CSS Examples

Text

The CSS property to change the color of the text to RGB 183, 50, 198 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(183, 50, 198) looks like.

```
.text, #text, p{
    color:rgb(183, 50, 198)
}
```

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(183, 50, 198) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(183, 50, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 50, 198) }
```

Border

The CSS property to change the border of an element to RGB 183, 50, 198 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(183, 50, 198) }
```

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

```
.border{ border-color:rgb(183, 50, 198) }
```

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

Here you see how a box with a 4 pixel rgb(183, 50, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 50, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 50, 198); box-shadow:4px 4px 4px 4px rgb(183, 50, 198) }
```

Background

The CSS property to change the background color of an element to RGB 183, 50, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(183, 50, 198) }
```

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

```
.background{ background-color:rgb(183, 50, 198) }
```

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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