

Converting Colors

RGB(179, 78, 189)

Have a look what the booklet for
RGB(179, 78, 189) contains.

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Color

RGB(179, 78, 189)

Conversions

Conversions Part 1

Format	Color
Hex	B34EBD
RGB	179, 78, 189
RGB Percent	70%, 31%, 74%
CMY	0.2980, 0.6941, 0.2588
CMYK	0.05, 0.59, 0.00, 0.26
HSL	295°, 46%, 52%
HSV	295°, 59%, 74%
XYZ	30.5001, 18.7066, 50.1473
YIQ	120.8530, 24.5650, 55.9330

Conversions

Conversions Part 2

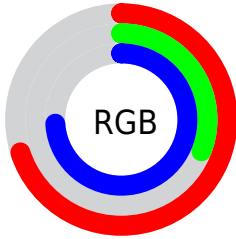
Format	Color
R_{YB}	179, 78, 189
Decimal	11751101
CIE _{Lab}	50.34, 56.36, -40.07
CIE _{LCh}	50, 69.148, 324.588
Yxy	18.7066, 0.3070, 0.1883
Android (android.graphics.Color)	4289941181 (0xFFB34EBD)
YUV	120.8530, 33.5965, 50.9949
Hunter-Lab	43.2511, 50.1862, -38.4677

Details

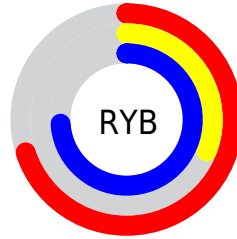
The RGB color **179, 78, 189** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **88, 189, 78**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **237, 132, 246**, and **123, 17, 135** is the 20% darker color. If you saturate the color by 10%, you get **177, 59, 189**, and if you desaturate by 10%, it is **181, 97, 189**.

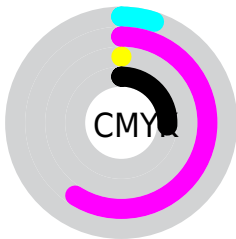
Distribution



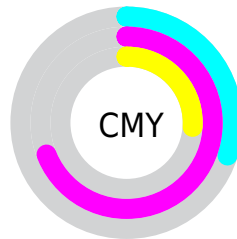
- Red (70%)
- Green (31%)
- Blue (74%)



- Red (70%)
- Yellow (31%)
- Blue (74%)



- Cyan (5%)
- Magenta (59%)
- Yellow (0%)
- Black (26%)



- Cyan (30%)
- Magenta (69%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the RGB color 179, 78, 189 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, 78, 189 by changing the saturation by 10% instead.

 179, 78, 189

255, 255, 255

 237, 132, 246


 255, 160, 255

 255, 188, 255

 255, 217, 255

 255, 246, 255

 179, 78, 189

 151, 50, 162

 123, 17, 135

 96, 0, 109

 70, 0, 84

 47, 0, 61

 9, 0, 38

 0, 1, 14

 0, 0, 0

 179, 78, 189

 179, 78, 189

177, 59, 189

181, 97, 189

176, 40, 189

182, 116, 189

174, 21, 189

184, 135, 189

172, 2, 189

186, 154, 189

172, 0, 189

188, 173, 189

189, 191, 189

191, 210, 189

193, 229, 189

194, 248, 189

Harmonies

Analogous

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



90, 109, 228



179, 78, 189



217, 50, 133

Triad

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



179, 78, 189



154, 114, 0



0, 146, 167

Complementary

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



179, 78, 189



88, 189, 78

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, 145, 107



179, 78, 189



98, 131, 0

Square

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



179, 78, 189



196, 88, 15



0, 140, 45



0, 142, 216

Rectangle

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



179, 78, 189



222, 50, 94



0, 140, 45



0, 146, 148

Sweetspot

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



179, 78, 189



241, 201, 245



78, 89, 189



120, 95, 122



250, 250, 250



122, 122, 122

Same Dimension

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



179, 78, 189



229, 73, 245



189, 78, 145



94, 85, 94



144, 0, 158



28, 0, 31

Inverse Universe

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



189, 78, 88



245, 73, 89



78, 189, 122



94, 85, 86



158, 0, 14



31, 0, 3

Previews

White Background



This preview shows how the RGB color 179, 78, 189 looks on a white background.

Color Contrast Check

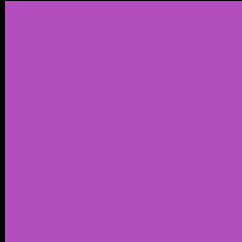
Large Text (above 18pt) WCAG AA ✓ Pass

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, 78, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

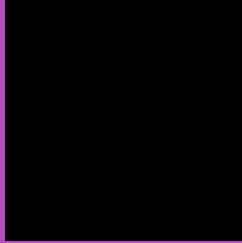
Any Text WCAG AA ✓ Pass

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, 78, 189 Background



This preview shows how black text looks on a background with the RGB color 179, 78, 189.



This preview shows how white text looks on a background with the RGB color 179, 78, 189.

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, 78, 189

Protanopia
63, 117, 225

Deuteranopia
91, 120, 182



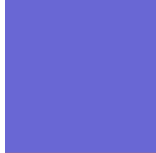
Tritanopia
169, 100, 108

Trichromacy



Original Color

179, 78, 189



Protanomaly

105, 103, 212



Deuteranomaly

123, 105, 185



Tritanomaly

173, 92, 137

Monochromacy



Original Color

179, 78, 189



Achromatopsia

121, 121, 121



Achromatomaly

142, 105, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 179, 78, 189 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, 78, 189)` looks like.

```
.text, #text, p{  
    color:rgb(179, 78, 189)  
}
```

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, 78, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 78, 189) }
```

Border

The CSS property to change the border of an element to RGB 179, 78, 189 is called "border". The border property can be set on classes, ids or directly on the HTML element.

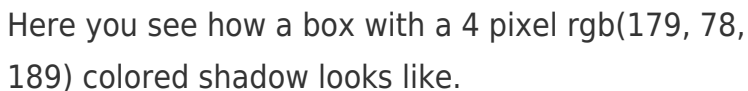
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 78, 189) }
```

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

```
.border{ border-color:rgb(179, 78, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 78, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 78, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 78, 189); box-shadow:4px 4px 4px 4px rgb(179, 78, 189) }
```

Background

The CSS property to change the background color of an element to RGB 179, 78, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 78, 189) }
```

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

```
.background{ background-color: rgb(179, 78,  
189) }
```

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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