

Converting Colors

RGB(179, 36, 138)

Have a look what the booklet for
RGB(179, 36, 138) contains.

RGB(179, 36, 138)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(179, 36, 138)

Conversions

Conversions Part 1

Format	Color
Hex	B3248A
RGB	179, 36, 138
RGB Percent	70%, 14%, 54%
CMY	0.2980, 0.8588, 0.4588
CMYK	0.00, 0.80, 0.23, 0.30
HSL	317°, 67%, 42%
HSV	317°, 80%, 70%
XYZ	23.8087, 12.6804, 25.2375
YIQ	90.3850, 52.4860, 62.0380

Conversions

Conversions Part 2

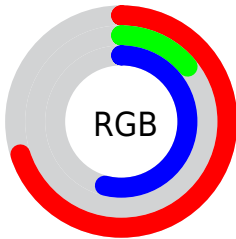
Format	Color
R_{YB}	179, 36, 138
Decimal	11740298
CIE _{Lab}	42.28, 63.99, -22.38
CIE _{LCh}	42, 67.790, 340.727
Yxy	12.6804, 0.3857, 0.2054
Android (android.graphics.Color)	4289930378 (0xFFB3248A)
YUV	90.3850, 23.4742, 77.7154
Hunter-Lab	35.6096, 57.0290, -17.0937

Details

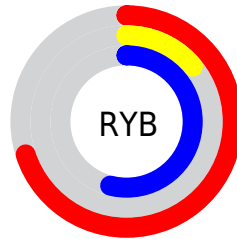
The RGB color **179, 36, 138** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **36, 179, 77**, and the grayscale version is **90, 90, 90**.

A 20% lighter version of the original color is **238, 98, 192**, and **122, 0, 88** is the 20% darker color. If you saturate the color by 10%, you get **179, 18, 133**, and if you desaturate by 10%, it is **179, 54, 143**.

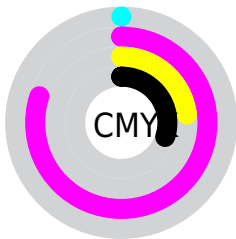
Distribution



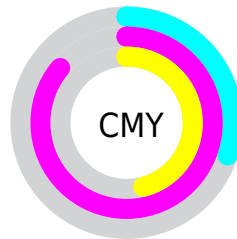
- Red (70%)
- Green (14%)
- Blue (54%)



- Red (70%)
- Yellow (14%)
- Blue (54%)



- Cyan (0%)
- Magenta (80%)
- Yellow (23%)
- Black (30%)



- Cyan (30%)
- Magenta (86%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 179, 36, 138 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, 36, 138 by changing the saturation by 10% instead.

 179, 36, 138

 179, 36, 138

255, 255, 255

 150, 0, 112

 238, 98, 192

 122, 0, 88

 255, 126, 220

 94, 0, 64

 255, 155, 248

 68, 0, 42

 255, 183, 255

 40, 0, 20

 255, 213, 255

 0, 0, 0

 255, 242, 255

 179, 36, 138

 179, 36, 138

 179, 18, 133

 179, 54, 143

■ 179, 0, 128

■ 179, 72, 148

■ 179, 0, 128

■ 179, 90, 153

■ 179, 108, 159

■ 179, 126, 164

■ 179, 143, 169

■ 179, 161, 174

■ 179, 179, 179

■ 179, 197, 184

Harmonies

Analogous

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



124, 74, 186



179, 36, 138



196, 16, 82

Triad

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



179, 36, 138



104, 104, 0



0, 122, 172

Complementary

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



179, 36, 138



36, 179, 77

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, 123, 119



179, 36, 138



33, 116, 0

Square

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



179, 36, 138



150, 83, 0



0, 121, 60



0, 116, 206

Rectangle

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



179, 36, 138



190, 40, 46



0, 121, 60



0, 123, 156

Sweetspot

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



179, 36, 138



232, 176, 216



77, 36, 179



117, 83, 108



245, 245, 245



117, 117, 117

Same Dimension

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



179, 36, 138



232, 9, 168



179, 36, 67



89, 80, 87



153, 0, 109



26, 0, 18

Inverse Universe

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



179, 36, 138



232, 9, 168



36, 179, 148



89, 80, 87



153, 0, 109



26, 0, 18

Previews

White Background



This preview shows how the RGB color 179, 36, 138 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



This preview shows how the RGB color 179, 36, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

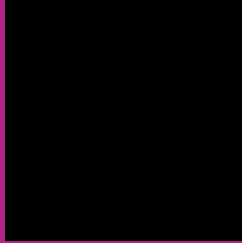
Any Text WCAG AA × Fail

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 179, 36, 138 Background



This preview shows how black text looks on a background with the RGB color 179, 36, 138.

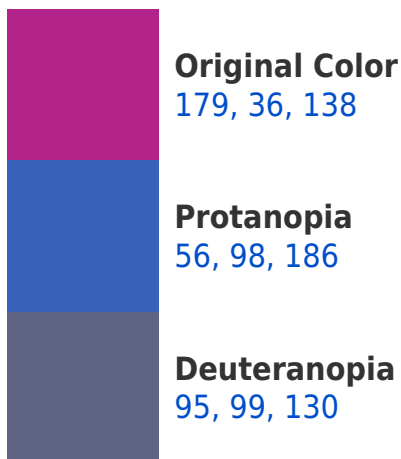


This preview shows how white text looks on a background with the RGB color 179, 36, 138.

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





Tritanopia
173, 62, 66

Trichromacy



Original Color

179, 36, 138



Protanomaly

101, 75, 169



Deuteranomaly

126, 76, 133



Tritanomaly

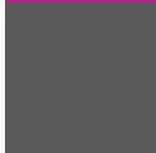
175, 53, 92

Monochromacy



Original Color

179, 36, 138



Achromatopsia

90, 90, 90



Achromatomaly

122, 70, 107

CSS Examples

Text

The CSS property to change the color of the text to RGB 179, 36, 138 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, 36, 138)` looks like.

```
.text, #text, p{  
    color:rgb(179, 36, 138)  
}
```

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, 36, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 36, 138) }
```

Border

The CSS property to change the border of an element to RGB 179, 36, 138 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, 36, 138) }
```

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

```
.border{ border-color:rgb(179, 36, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 36, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 36, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 36, 138);  
box-shadow:4px 4px 4px 4px rgb(179, 36,  
138) }
```

Background

The CSS property to change the background color of an element to RGB 179, 36, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 36, 138) }
```

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

```
.background{ background-color: rgb(179, 36,  
138) }
```

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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