

Converting Colors

RGB(136, 89, 178)

Have a look what the booklet for
RGB(136, 89, 178) contains.

RGB(136, 89, 178)	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(136, 89, 178)

Conversions

Conversions Part 1

Format	Color
Hex	8859B2
RGB	136, 89, 178
RGB Percent	53%, 35%, 70%
CMY	0.4667, 0.6510, 0.3020
CMYK	0.24, 0.50, 0.00, 0.30
HSL	272°, 37%, 52%
HSV	272°, 50%, 70%
XYZ	21.7616, 15.5933, 43.9823
YIQ	113.1990, -0.5570, 37.6430

Conversions

Conversions Part 2

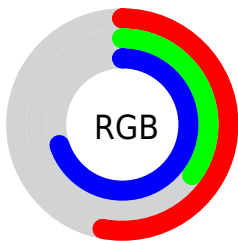
Format	Color
R_{YB}	136, 89, 178
Decimal	8935858
CIE _{Lab}	46.44, 36.76, -40.19
CIE _{LCh}	46, 54.469, 312.444
Yxy	15.5933, 0.2675, 0.1917
Android (android.graphics.Color)	4287125938 (0xFF8859B2)
YUV	113.1990, 31.9469, 19.9965
Hunter-Lab	39.4884, 29.2645, -38.3955

Details

The RGB color **136, 89, 178** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **131, 178, 89**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **191, 140, 234**, and **83, 41, 125** is the 20% darker color. If you saturate the color by 10%, you get **128, 71, 178**, and if you desaturate by 10%, it is **144, 107, 178**.

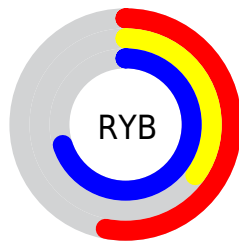
Distribution



Red (53%)

Green (35%)

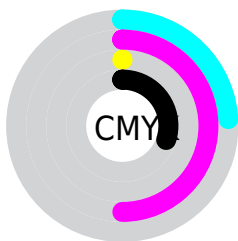
Blue (70%)



Red (53%)

Yellow (35%)

Blue (70%)

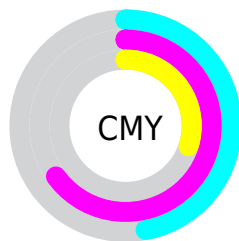


Cyan (24%)

Magenta (50%)

Yellow (0%)

Black (30%)



Cyan (47%)

Magenta (65%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 136, 89, 178 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 136, 89, 178 by changing the saturation by 10% instead.

 136, 89, 178  136, 89, 178

255, 255, 255  109, 65, 151


 191, 140, 234  83, 41, 125

 220, 167, 255  58, 17, 99


 249, 195, 255  32, 0, 75

 255, 223, 255  3, 0, 52

 255, 252, 255  0, 2, 29

 0, 0, 0

 136, 89, 178  136, 89, 178

 128, 71, 178  144, 107, 178

■ 119, 53, 178

■ 153, 125, 178

■ 111, 36, 178

■ 161, 142, 178

■ 102, 18, 178

■ 170, 160, 178

■ 94, 0, 178

■ 178, 178, 178

■ 186, 196, 178

■ 195, 214, 178

■ 203, 231, 178

■ 212, 249, 178

Harmonies

Analogous

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



43, 109, 200



136, 89, 178



178, 69, 139

Triad

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



136, 89, 178



154, 98, 10



0, 131, 128

Complementary

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



136, 89, 178



131, 178, 89

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, 129, 81



136, 89, 178



114, 114, 0

Square

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



136, 89, 178



182, 78, 50



62, 124, 36



0, 129, 171

Rectangle

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



136, 89, 178



190, 63, 108



62, 124, 36



0, 131, 113

Sweetspot

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



136, 89, 178



216, 197, 232



89, 132, 178



107, 96, 117



245, 245, 245



117, 117, 117

Same Dimension

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



136, 89, 178



166, 93, 232



178, 89, 177



85, 80, 89



81, 0, 153



13, 0, 26

Inverse Universe

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



178, 89, 131



232, 93, 159



89, 178, 90



89, 80, 85



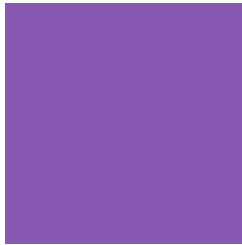
153, 0, 72



26, 0, 12

Previews

White Background



This preview shows how the RGB color 136, 89, 178 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 136, 89, 178 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 136, 89, 178 Background



This preview shows how black text looks on a background with the RGB color 136, 89, 178.

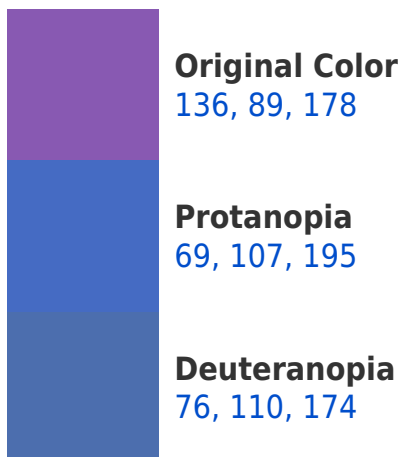


This preview shows how white text looks on a background with the RGB color 136, 89, 178.

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
125, 105, 113

Trichromacy



Original Color

136, 89, 178



Protanomaly

93, 100, 189



Deuteranomaly

98, 102, 175



Tritanomaly

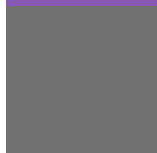
129, 99, 137

Monochromacy



Original Color

136, 89, 178



Achromatopsia

113, 113, 113



Achromatomaly

121, 104, 137

CSS Examples

Text

The CSS property to change the color of the text to RGB 136, 89, 178 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(136, 89, 178)` looks like.

```
.text, #text, p{  
    color:rgb(136, 89, 178)  
}
```

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(136, 89, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 89, 178) }
```

Border

The CSS property to change the border of an element to RGB 136, 89, 178 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(136, 89, 178) }
```

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

```
.border{ border-color:rgb(136, 89, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 89, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 89, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 89, 178); box-shadow:4px 4px 4px 4px rgb(136, 89, 178) }
```

Background

The CSS property to change the background color of an element to RGB 136, 89, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 89, 178) }
```

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

```
.background{ background-color: rgb(136, 89,  
178) }
```

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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