

Converting Colors

RGB(136, 44, 185)

Have a look what the booklet for
RGB(136, 44, 185) contains.

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Color

RGB(136, 44, 185)

Conversions

Conversions Part 1

Format	Color
Hex	882CB9
RGB	136, 44, 185
RGB Percent	53%, 17%, 73%
CMY	0.4667, 0.8275, 0.2745
CMYK	0.26, 0.76, 0.00, 0.27
HSL	279°, 62%, 45%
HSV	279°, 76%, 73%
XYZ	19.8110, 10.5384, 46.8889
YIQ	87.5820, 9.5710, 63.3550

Conversions

Conversions Part 2

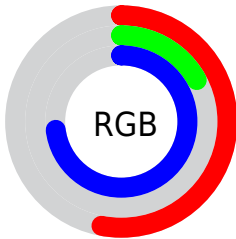
Format	Color
R _Y B	136, 44, 185
Decimal	8924345
CIE Lab	38.79, 60.28, -56.56
CIE LCh	39, 82.664, 316.824
Yxy	10.5384, 0.2565, 0.1364
Android (android.graphics.Color)	4287114425 (0xFF882CB9)
YUV	87.5820, 48.0271, 42.4626
Hunter-Lab	32.4629, 52.1224, -62.9136

Details

The RGB color **136, 44, 185** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **93, 185, 44**, and the grayscale version is **87, 87, 87**.

A 20% lighter version of the original color is **193, 99, 242**, and **80, 0, 131** is the 20% darker color. If you saturate the color by 10%, you get **130, 25, 185**, and if you desaturate by 10%, it is **142, 62, 185**.

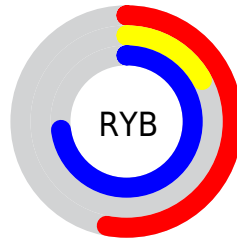
Distribution



Red (53%)

Green (17%)

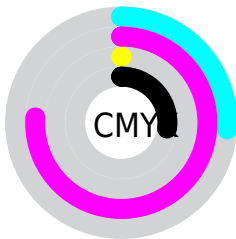
Blue (73%)



Red (53%)

Yellow (17%)

Blue (73%)

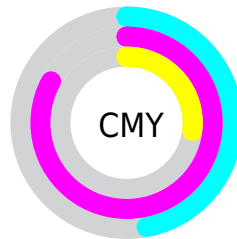


Cyan (26%)

Magenta (76%)

Yellow (0%)

Black (27%)



Cyan (47%)

Magenta (83%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 136, 44, 185 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, 44, 185 by changing the saturation by 10% instead.

 136, 44, 185

 136, 44, 185

255, 255, 255

 108, 6, 158

 193, 99, 242

 80, 0, 131

 223, 127, 255

 51, 0, 105

 253, 154, 255

 25, 0, 80

 255, 182, 255

 0, 0, 56

 255, 211, 255

 0, 2, 33

 255, 240, 255

 0, 0, 7

 0, 0, 0

 136, 44, 185

 136, 44, 185

■ 130, 25, 185

■ 142, 62, 185

■ 123, 7, 185

■ 149, 81, 185

■ 121, 0, 185

■ 155, 99, 185

■ 162, 118, 185

■ 168, 136, 185

■ 175, 155, 185

■ 181, 173, 185

■ 187, 192, 185

■ 194, 211, 185

Harmonies

Analogous

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



0, 88, 223



136, 44, 185



191, 0, 124

Triad

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



136, 44, 185



136, 78, 0



0, 117, 129

Complementary

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



136, 44, 185



93, 185, 44

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, 115, 58



136, 44, 185



77, 100, 0

Square

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



136, 44, 185



180, 30, 0



0, 111, 0



0, 116, 190

Rectangle

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



136, 44, 185



202, 0, 80



0, 111, 0



0, 117, 106

Sweetspot

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



136, 44, 185



221, 185, 240



44, 93, 185



108, 86, 120



247, 247, 247



120, 120, 120

Same Dimension

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



136, 44, 185



164, 22, 240



185, 44, 164



89, 83, 92



101, 0, 156



18, 0, 28

Inverse Universe

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



185, 44, 93



240, 22, 97



44, 185, 65



92, 83, 86



156, 0, 54



28, 0, 10

Previews

White Background



This preview shows how the RGB color 136, 44, 185 looks on a white background.

Color Contrast Check

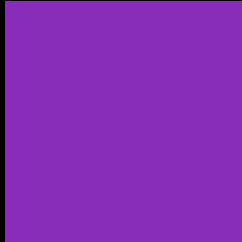
Large Text (above 18pt) WCAG AA ✓ Pass

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, 44, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

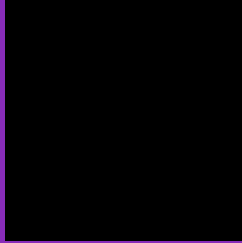
Any Text WCAG AA × Fail

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, 44, 185 Background



This preview shows how black text looks on a background with the RGB color 136, 44, 185.

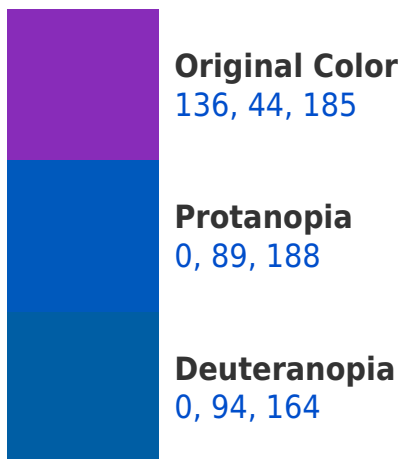


This preview shows how white text looks on a background with the RGB color 136, 44, 185.

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
120, 81, 87

Trichromacy



Original Color

136, 44, 185



Protanomaly

49, 73, 187



Deuteranomaly

49, 76, 172



Tritanomaly

126, 68, 123

Monochromacy



Original Color

136, 44, 185



Achromatopsia

88, 88, 88



Achromatomaly

105, 72, 123

CSS Examples

Text

The CSS property to change the color of the text to RGB 136, 44, 185 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, 44, 185)` looks like.

```
.text, #text, p{  
    color:rgb(136, 44, 185)  
}
```

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, 44, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 44, 185) }
```

Border

The CSS property to change the border of an element to RGB 136, 44, 185 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, 44, 185) }
```

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

```
.border{ border-color:rgb(136, 44, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 44, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 44, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 44, 185);  
box-shadow:4px 4px 4px 4px rgb(136, 44,  
185) }
```

Background

The CSS property to change the background color of an element to RGB 136, 44, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 44, 185) }
```

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

```
.background{ background-color: rgb(136, 44,  
185) }
```

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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