

Converting Colors

RGB(135, 57, 180)

Have a look what the booklet for
RGB(135, 57, 180) contains.

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Color

RGB(135, 57, 180)

Conversions

Conversions Part 1

Format	Color
Hex	8739B4
RGB	135, 57, 180
RGB Percent	53%, 22%, 71%
CMY	0.4706, 0.7765, 0.2941
CMYK	0.25, 0.68, 0.00, 0.29
HSL	278°, 52%, 46%
HSV	278°, 68%, 71%
XYZ	19.6930, 11.3724, 44.3372
YIQ	94.3440, 7.0050, 54.7890

Conversions

Conversions Part 2

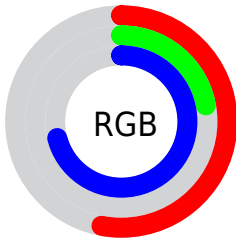
Format	Color
R_{YB}	135, 57, 180
Decimal	8862132
CIE _{Lab}	40.20, 53.62, -51.34
CIE _{LCh}	40, 74.238, 316.244
Yxy	11.3724, 0.2612, 0.1508
Android (android.graphics.Color)	4287052212 (0xFF8739B4)
YUV	94.3440, 42.2284, 35.6553
Hunter-Lab	33.7230, 45.2221, -54.3450

Details

The RGB color **135, 57, 180** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **102, 180, 57**, and the grayscale version is **94, 94, 94**.

A 20% lighter version of the original color is **192, 110, 237**, and **80, 0, 126** is the 20% darker color. If you saturate the color by 10%, you get **128, 39, 180**, and if you desaturate by 10%, it is **142, 75, 180**.

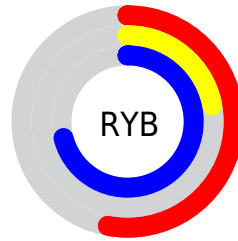
Distribution



Red (53%)

Green (22%)

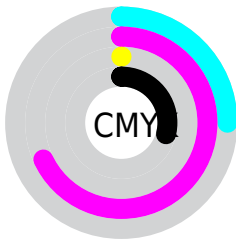
Blue (71%)



Red (53%)

Yellow (22%)

Blue (71%)

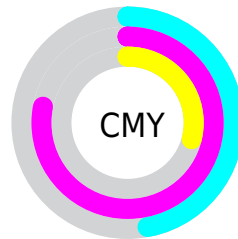


Cyan (25%)

Magenta (68%)

Yellow (0%)

Black (29%)



Cyan (47%)


Magenta (78%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the RGB color 135, 57, 180 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 135, 57, 180 by changing the saturation by 10% instead.

 135, 57, 180

255, 255, 255

 192, 110, 237


 221, 137, 255

 250, 164, 255

 255, 192, 255

 255, 221, 255

 255, 250, 255

 135, 57, 180

 107, 29, 153

 80, 0, 126


 53, 0, 101


 29, 0, 76

 0, 0, 52

 0, 2, 30

 0, 0, 0


 135, 57, 180


 128, 39, 180

 135, 57, 180


 142, 75, 180


 122, 21, 180


 148, 93, 180

 115, 3, 180


 155, 111, 180

 114, 0, 180

 161, 129, 180

 168, 147, 180

 175, 165, 180

 181, 183, 180

 188, 201, 180

 194, 219, 180

Harmonies

Analogous

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



0, 92, 213



135, 57, 180



186, 0, 125

Triad

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



135, 57, 180



139, 82, 0



0, 119, 127

Complementary

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



135, 57, 180



102, 180, 57

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, 118, 63



135, 57, 180



86, 102, 0

Square

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



135, 57, 180



178, 46, 0



0, 113, 0



0, 118, 182

Rectangle

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



135, 57, 180



197, 0, 85



0, 113, 0



0, 119, 106

Sweetspot

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



135, 57, 180



217, 185, 235



57, 102, 180



107, 88, 117



245, 245, 245



117, 117, 117

Same Dimension

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



135, 57, 180



164, 42, 235



180, 57, 164



86, 80, 89



97, 0, 153



16, 0, 26

Inverse Universe

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



180, 57, 102



235, 42, 113



57, 180, 73



89, 80, 84



153, 0, 56



26, 0, 9

Previews

White Background



This preview shows how the RGB color 135, 57, 180 looks on a white background.

Color Contrast Check

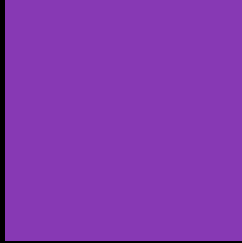
Large Text (above 18pt) WCAG AA ✓ Pass

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 135, 57, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

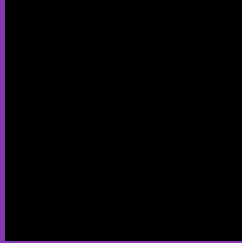
Any Text WCAG AA × Fail

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 135, 57, 180 Background



This preview shows how black text looks on a background with the RGB color 135, 57, 180.

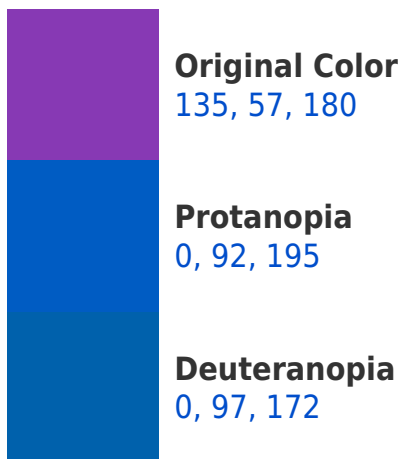


This preview shows how white text looks on a background with the RGB color 135, 57, 180.

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
121, 85, 92

Trichromacy



Original Color

135, 57, 180



Protanomaly

49, 79, 190



Deuteranomaly

49, 82, 175



Tritanomaly

126, 75, 124

Monochromacy



Original Color

135, 57, 180



Achromatopsia

94, 94, 94



Achromatomaly

109, 81, 125

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 57, 180 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(135, 57, 180)` looks like.

```
.text, #text, p{  
    color:rgb(135, 57, 180)  
}
```

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(135, 57, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 57, 180) }
```

Border

The CSS property to change the border of an element to RGB 135, 57, 180 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(135, 57, 180) }
```

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

```
.border{ border-color:rgb(135, 57, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 57, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 57, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 57, 180);  
box-shadow:4px 4px 4px 4px rgb(135, 57,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 135, 57, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 57, 180) }
```

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

```
.background{ background-color: rgb(135, 57,  
180) }
```

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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