

Converting Colors

RGB(135, 111, 158)

Have a look what the booklet for
RGB(135, 111, 158) contains.

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Color

RGB(135, 111, 158)

Conversions

Conversions Part 1

Format	Color
Hex	876F9E
RGB	135, 111, 158
RGB Percent	53%, 44%, 62%
CMY	0.4706, 0.5647, 0.3804
CMYK	0.15, 0.30, 0.00, 0.38
HSL	271°, 20%, 53%
HSV	271°, 30%, 62%
XYZ	21.8477, 18.9884, 34.8614
YIQ	123.5340, -0.7830, 19.7050

Conversions

Conversions Part 2

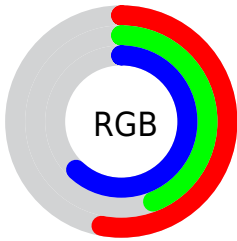
Format	Color
R_{YB}	135, 111, 158
Decimal	8875934
CIE _{Lab}	50.67, 18.90, -21.87
CIE _{LCh}	51, 28.903, 310.834
Yxy	18.9884, 0.2886, 0.2508
Android (android.graphics.Color)	4287066014 (0xFF876F9E)
YUV	123.5340, 16.9917, 10.0557
Hunter-Lab	43.5757, 13.2376, -16.9302

Details

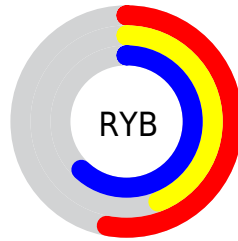
The RGB color **135, 111, 158** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **134, 158, 111**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **189, 163, 213**, and **85, 63, 106** is the 20% darker color. If you saturate the color by 10%, you get **127, 95, 158**, and if you desaturate by 10%, it is **143, 127, 158**.

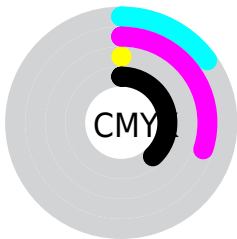
Distribution



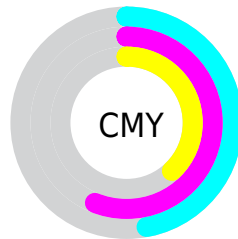
- Red (53%)
- Green (44%)
- Blue (62%)



- Red (53%)
- Yellow (44%)
- Blue (62%)



- Cyan (15%)
- Magenta (30%)
- Yellow (0%)
- Black (38%)



- Cyan (47%)
- Magenta (56%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 111, 158 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, 111, 158 by changing the saturation by 10% instead.

 135, 111, 158

255, 255, 255

 189, 163, 213

 217, 190, 241


 245, 218, 255


 255, 246, 255

 135, 111, 158


 109, 86, 132

 85, 63, 106

 61, 41, 82

 38, 20, 59

 21, 0, 37

 0, 1, 14


 0, 0, 0

 135, 111, 158

 127, 95, 158

 135, 111, 158

 143, 127, 158


 120, 79, 158

 150, 143, 158

 112, 64, 158

 158, 158, 158


 104, 48, 158


 166, 174, 158

 96, 32, 158


 174, 190, 158

 89, 16, 158

 181, 206, 158

 81, 0, 158

 189, 222, 158

 81, 0, 158

 197, 237, 158

 205, 253, 158

Harmonies

Analogous

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



100, 120, 169



135, 111, 158



159, 104, 137

Triad

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



135, 111, 158



150, 114, 74



36, 134, 129

Complementary

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



135, 111, 158



134, 158, 111

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.



70, 133, 104



135, 111, 158



128, 122, 72

Square

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



135, 111, 158



165, 106, 90



101, 129, 83



19, 132, 152

Rectangle

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



135, 111, 158



167, 102, 121



101, 129, 83



48, 134, 121

Sweetspot

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



135, 111, 158



197, 188, 207



111, 135, 158



99, 93, 105



232, 232, 232



105, 105, 105

Same Dimension

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



135, 111, 158



170, 132, 207



158, 111, 158



75, 71, 79



73, 0, 143



8, 0, 15

Inverse Universe

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



158, 111, 134



207, 132, 169



111, 158, 111



79, 71, 75



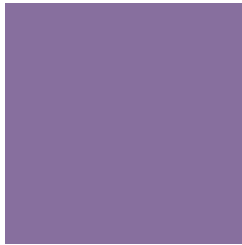
143, 0, 70



15, 0, 7

Previews

White Background



This preview shows how the RGB color 135, 111, 158 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 135, 111, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

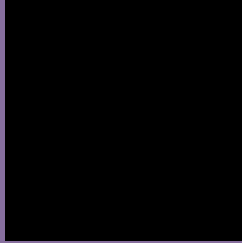
Any Text WCAG AA ✓ Pass

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 135, 111, 158 Background



This preview shows how black text looks on a background with the RGB color 135, 111, 158.



This preview shows how white text looks on a background with the RGB color 135, 111, 158.

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

135, 111, 158

Protanopia

108, 119, 164

Deuteranopia

113, 119, 156



Tritanopia
130, 117, 126

Trichromacy



Original Color
135, 111, 158

Protanomaly
118, 116, 162

Deuteranomaly
121, 116, 157

Tritanomaly
132, 115, 138

Monochromacy



Original Color
135, 111, 158

Achromatopsia
124, 124, 124

Achromatomaly
128, 119, 136

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 111, 158 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, 111, 158)` looks like.

```
.text, #text, p{  
    color:rgb(135, 111, 158)  
}
```

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, 111, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 111, 158) }
```

Border

The CSS property to change the border of an element to RGB 135, 111, 158 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, 111, 158) }
```

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

```
.border{ border-color:rgb(135, 111, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 111, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 111, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 111, 158);  
box-shadow:4px 4px 4px 4px rgb(135, 111,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 135, 111, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 111, 158) }
```

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

```
.background{ background-color: rgb(135,  
111, 158) }
```

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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