

Converting Colors

RGB(133, 110, 156)

Have a look what the booklet for
RGB(133, 110, 156) contains.

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Color

RGB(133, 110, 156)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 856E9C |
| RGB | 133, 110, 156 |
| RGB Percent | 52%, 43%, 61% |
| CMY | 0.4784, 0.5686, 0.3882 |
| CMYK | 0.15, 0.29, 0.00, 0.39 |
| HSL | 270°, 19%, 52% |
| HSV | 270°, 29%, 61% |
| XYZ | 21.2495, 18.5387, 33.9108 |
| YIQ | 122.1210, -1.0580, 19.1820 |

Conversions

Conversions Part 2

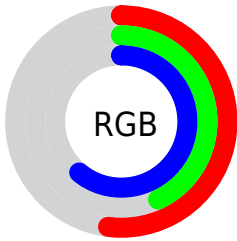
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 133, 110, 156 |
| Decimal | 8744604 |
| CIE _{Lab} | 50.14, 18.36, -21.53 |
| CIE _{LCh} | 50, 28.297, 310.466 |
| Yxy | 18.5387, 0.2883, 0.2515 |
| Android (android.graphics.Color) | 4286934684 (0xFF856E9C) |
| YUV | 122.1210, 16.7023, 9.5409 |
| Hunter-Lab | 43.0566, 12.7453, -16.5565 |

Details

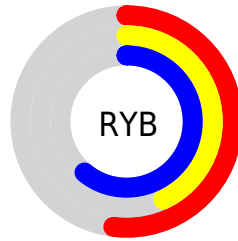
The RGB color **133, 110, 156** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **133, 156, 110**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **187, 162, 211**, and **83, 62, 105** is the 20% darker color. If you saturate the color by 10%, you get **125, 94, 156**, and if you desaturate by 10%, it is **141, 126, 156**.

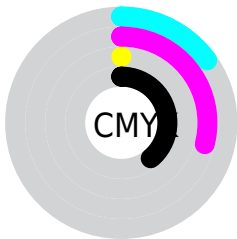
Distribution



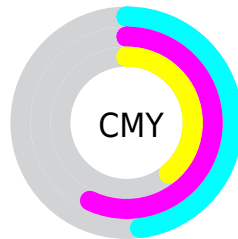
- Red (52%)
- Green (43%)
- Blue (61%)



- Red (52%)
- Yellow (43%)
- Blue (61%)



- Cyan (15%)
- Magenta (29%)
- Yellow (0%)
- Black (39%)



- Cyan (48%)
- Magenta (57%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 133, 110, 156 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 133, 110, 156 by changing the saturation by 10% instead.

 133, 110, 156

255, 255, 255

 187, 162, 211

 215, 189, 239

 243, 217, 255

 255, 245, 255

 133, 110, 156

 107, 86, 130

 83, 62, 105

 59, 40, 80

 36, 19, 57

 19, 0, 36


 0, 0, 11

 0, 0, 0

 133, 110, 156

 125, 94, 156

 133, 110, 156

 141, 126, 156

117, 79, 156

149, 141, 156

110, 63, 156

156, 157, 156

102, 48, 156

164, 172, 156

94, 32, 156

172, 188, 156

86, 16, 156

180, 204, 156

78, 1, 156

188, 219, 156

78, 0, 156

195, 235, 156

203, 250, 156

Harmonies

Analogous

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



99, 119, 166



133, 110, 156



156, 103, 136

Triad

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



133, 110, 156



149, 112, 74



38, 132, 127

Complementary

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



133, 110, 156



133, 156, 110

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.



71, 131, 102



133, 110, 156



127, 121, 71

Square

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



133, 110, 156



163, 105, 89



101, 127, 82



23, 131, 150

Rectangle

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



133, 110, 156



164, 101, 120



101, 127, 82



49, 132, 119

Sweetspot

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



133, 110, 156



195, 186, 204



110, 133, 156



96, 91, 102



230, 230, 230



102, 102, 102

Same Dimension

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



133, 110, 156



168, 133, 204



156, 110, 156



75, 71, 79



71, 0, 143



8, 0, 15

Inverse Universe

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



156, 110, 133



204, 133, 168



110, 156, 110



79, 71, 75



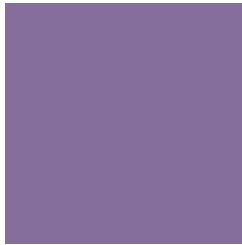
143, 0, 71



15, 0, 8

Previews

White Background



This preview shows how the RGB color 133, 110, 156 looks on a white background.

Color Contrast Check

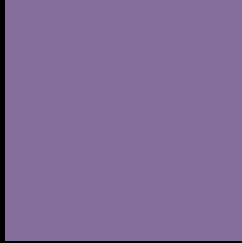
Large Text (above 18pt) WCAG AA ✓ Pass

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 133, 110, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

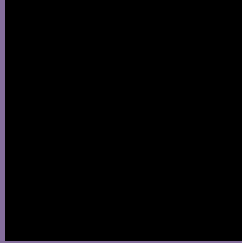
Any Text WCAG AA ✓ Pass

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 133, 110, 156 Background



This preview shows how black text looks on a background with the RGB color 133, 110, 156.



This preview shows how white text looks on a background with the RGB color 133, 110, 156.

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
133, 110, 156

Protanopia
107, 118, 162

Deuteranopia
112, 117, 155



Tritanopia
128, 116, 125

Trichromacy



Original Color
133, 110, 156

Protanomaly
116, 115, 160

Deuteranomaly
120, 114, 155

Tritanomaly
130, 114, 136

Monochromacy



Original Color
133, 110, 156

Achromatopsia
122, 122, 122

Achromatomaly
126, 118, 134

CSS Examples

Text

The CSS property to change the color of the text to RGB 133, 110, 156 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(133, 110, 156)` looks like.

```
.text, #text, p{  
    color:rgb(133, 110, 156)  
}
```

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(133, 110, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 110, 156) }
```

Border

The CSS property to change the border of an element to RGB 133, 110, 156 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(133, 110, 156) }
```

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

```
.border{ border-color:rgb(133, 110, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 110, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 110, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 110, 156);  
box-shadow:4px 4px 4px 4px rgb(133, 110,  
156) }
```

Background

The CSS property to change the background color of an element to RGB 133, 110, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 110, 156) }
```

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

```
.background{ background-color: rgb(133,  
110, 156) }
```

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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