

Converting Colors

RGB(133, 123, 183)

Have a look what the booklet for
RGB(133, 123, 183) contains.

RGB(133, 123, 183)	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(133, 123, 183)

Conversions

Conversions Part 1

Format	Color
Hex	857BB7
RGB	133, 123, 183
RGB Percent	52%, 48%, 72%
CMY	0.4784, 0.5176, 0.2824
CMYK	0.27, 0.33, 0.00, 0.28
HSL	250°, 29%, 60%
HSV	250°, 33%, 72%
XYZ	25.3031, 22.5714, 47.8228
YIQ	132.8300, -13.3000, 20.7800

Conversions

Conversions Part 2

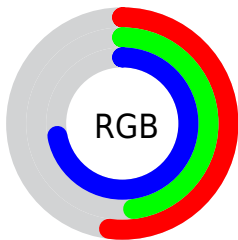
Format	Color
R_{YB}	133, 123, 183
Decimal	8747959
CIE _{Lab}	54.63, 17.22, -30.25
CIE _{LCh}	55, 34.811, 299.643
Yxy	22.5714, 0.2644, 0.2359
Android (android.graphics.Color)	4286938039 (0xFF857BB7)
YUV	132.8300, 24.7338, 0.1491
Hunter-Lab	47.5093, 11.9263, -26.4247

Details

The RGB color **133, 123, 183** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **173, 183, 123**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **187, 175, 239**, and **82, 74, 130** is the 20% darker color. If you saturate the color by 10%, you get **118, 105, 183**, and if you desaturate by 10%, it is **148, 141, 183**.

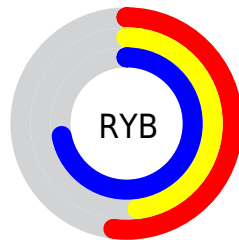
Distribution



Red (52%)

Green (48%)

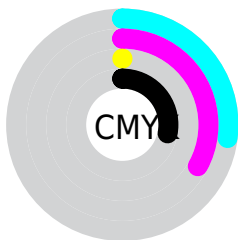
Blue (72%)



Red (52%)

Yellow (48%)

Blue (72%)

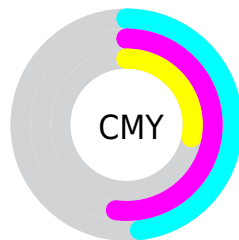


Cyan (27%)

Magenta (33%)

Yellow (0%)

Black (28%)



Cyan (48%)

Magenta (52%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 133, 123, 183 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, 123, 183 by changing the saturation by 10% instead.

■ 133, 123, 183

255, 255, 255

■ 187, 175, 239

■ 215, 203, 255

■ 244, 231, 255

■ 133, 123, 183

■ 107, 98, 156

■ 82, 74, 130

■ 57, 52, 104

■ 32, 30, 80

■ 7, 8, 57

■ 0, 2, 35

■ 0, 0, 9

■ 0, 0, 0

■ 133, 123, 183

■ 133, 123, 183

118, 105, 183

148, 141, 183

103, 86, 183

164, 160, 183

87, 68, 183

179, 178, 183

72, 50, 183

194, 196, 183

57, 32, 183

209, 215, 183

42, 13, 183

225, 233, 183

31, 0, 183

240, 251, 183

255, 255, 183

Harmonies

Analogous

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



83, 134, 191



133, 123, 183



168, 112, 162

Triad

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



133, 123, 183



174, 118, 79



32, 146, 129

Complementary

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



133, 123, 183



173, 183, 123

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.



82, 144, 99



133, 123, 183



150, 129, 70

Square

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



133, 123, 183



187, 109, 103



119, 138, 77



0, 146, 159

Rectangle

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



133, 123, 183



182, 108, 142



119, 138, 77



52, 146, 119

Sweetspot

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



133, 123, 183



217, 213, 237



123, 173, 183



108, 105, 120



247, 247, 247



120, 120, 120

Same Dimension

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



133, 123, 183



160, 145, 237



163, 123, 183



84, 83, 92



26, 0, 156



5, 0, 28

Inverse Universe

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



183, 123, 173



237, 145, 222



143, 183, 123



92, 83, 90



156, 0, 130



28, 0, 23

Previews

White Background



This preview shows how the RGB color 133, 123, 183 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, 123, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

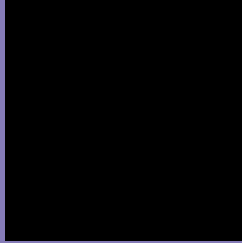
Any Text WCAG AA ✓ Pass

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, 123, 183 Background



This preview shows how black text looks on a background with the RGB color 133, 123, 183.



This preview shows how white text looks on a background with the RGB color 133, 123, 183.

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

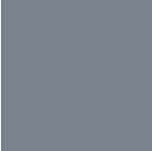
133, 123, 183

Protanopia

112, 129, 188

Deuteranopia

114, 129, 182



Tritanopia
125, 131, 142

Trichromacy



Original Color
133, 123, 183

Protanomaly
120, 127, 186

Deuteranomaly
121, 127, 182

Tritanomaly
128, 128, 157

Monochromacy



Original Color
133, 123, 183

Achromatopsia
133, 133, 133

Achromatomaly
133, 129, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 133, 123, 183 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, 123, 183)` looks like.

```
.text, #text, p{  
    color:rgb(133, 123, 183)  
}
```

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, 123, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 123, 183) }
```

Border

The CSS property to change the border of an element to RGB 133, 123, 183 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, 123, 183) }
```

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

```
.border{ border-color:rgb(133, 123, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 123, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 123, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 123, 183);  
box-shadow:4px 4px 4px 4px rgb(133, 123,  
183) }
```

Background

The CSS property to change the background color of an element to RGB 133, 123, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 123, 183) }
```

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

```
.background{ background-color: rgb(133,  
123, 183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor