

Converting Colors

RGB(93, 133, 123)

Have a look what the booklet for
RGB(93, 133, 123) contains.

RGB(93, 133, 123)	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(93, 133, 123)

Conversions

Conversions Part 1

Format	Color
Hex	5D857B
RGB	93, 133, 123
RGB Percent	36%, 52%, 48%
CMY	0.6353, 0.4784, 0.5176
CMYK	0.30, 0.00, 0.08, 0.48
HSL	165°, 18%, 44%
HSV	165°, 30%, 52%
XYZ	16.4769, 20.5323, 21.8336
YIQ	119.9000, -20.6300, -11.5900

Conversions

Conversions Part 2

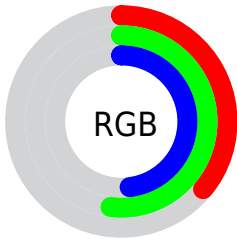
Format	Color
R_{YB}	93, 116, 133
Decimal	6129019
CIE _{Lab}	52.43, -16.18, 0.93
CIE _{LCh}	52, 16.206, 176.722
Yxy	20.5323, 0.2800, 0.3489
Android (android.graphics.Color)	4284319099 (0xFF5D857B)
YUV	119.9000, 1.5283, -23.5913
Hunter-Lab	45.3126, -14.3895, 3.1502

Details

The RGB color **93, 133, 123** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **133, 93, 103**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **144, 186, 175**, and **45, 83, 74** is the 20% darker color. If you saturate the color by 10%, you get **80, 133, 120**, and if you desaturate by 10%, it is **106, 133, 126**.

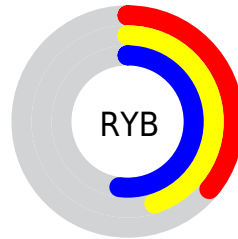
Distribution



Red (36%)

Green (52%)

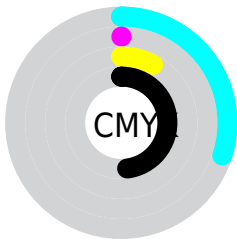
Blue (48%)



Red (36%)

Yellow (45%)

Blue (52%)

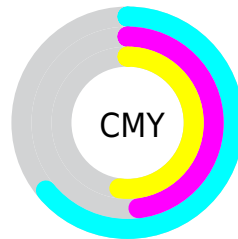


Cyan (30%)

Magenta (0%)

Yellow (8%)

Black (48%)



Cyan (64%)


Magenta (48%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the RGB color 93, 133, 123 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 93, 133, 123 by changing the saturation by 10% instead.

 93, 133, 123

 93, 133, 123


255, 255, 255

 68, 108, 98


 144, 186, 175

 45, 83, 74

 171, 214, 203

 21, 60, 52


 199, 242, 231


 0, 38, 31


 227, 255, 255

 0, 16, 6


 0, 0, 0

 93, 133, 123

 93, 133, 123

 80, 133, 120

 106, 133, 126

 66, 133, 116

 120, 133, 130

■ 53, 133, 113

■ 133, 133, 133

■ 40, 133, 110

■ 146, 133, 136

■ 26, 133, 106

■ 160, 133, 140

■ 13, 133, 103

■ 173, 133, 143

■ 0, 133, 100

■ 186, 133, 146

■ 199, 133, 150

■ 213, 133, 153

Harmonies

Analogous

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



106, 131, 109



93, 133, 123



87, 133, 137

Triad

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



93, 133, 123



126, 122, 150



149, 119, 102

Complementary

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



93, 133, 123



133, 93, 103

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.



154, 116, 113



93, 133, 123



142, 118, 141

Square

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



93, 133, 123



107, 127, 153



152, 115, 127



137, 124, 98

Rectangle

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



93, 133, 123



89, 132, 145



152, 115, 127



151, 118, 105

Sweetspot

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



93, 133, 123



158, 173, 169



103, 133, 93



77, 87, 84



214, 214, 214



87, 87, 87

Same Dimension

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



93, 133, 123



111, 173, 158



93, 123, 133



60, 66, 65



0, 130, 98



0, 3, 2

Inverse Universe

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



133, 93, 103



173, 111, 127



133, 103, 93



66, 60, 61



130, 0, 33



3, 0, 1

Previews

White Background



This preview shows how the RGB color 93, 133, 123 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 93, 133, 123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

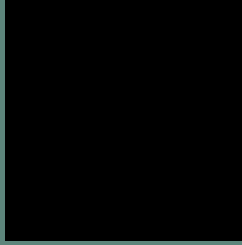
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

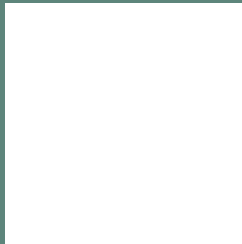
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 93, 133, 123 Background



This preview shows how black text looks on a background with the RGB color 93, 133, 123.



This preview shows how white text looks on a background with the RGB color 93, 133, 123.

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

97, 130, 141

Trichromacy



Original Color
93, 133, 123

Protanomaly
115, 127, 120

Deuteranomaly
120, 125, 125

Tritanomaly
96, 131, 134

Monochromacy



Original Color
93, 133, 123

Achromatopsia
120, 120, 120

Achromatomaly
110, 125, 121

CSS Examples

Text

The CSS property to change the color of the text to RGB 93, 133, 123 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(93, 133, 123)` looks like.

```
.text, #text, p{  
    color:rgb(93, 133, 123)  
}
```

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(93, 133, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 133, 123) }
```

Border

The CSS property to change the border of an element to RGB 93, 133, 123 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(93, 133, 123) }
```

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

```
.border{ border-color:rgb(93, 133, 123) }
```

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

Here you see how a box with a 4 pixel rgb(93, 133, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 133, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 133, 123);  
box-shadow:4px 4px 4px 4px rgb(93, 133,  
123) }
```

Background

The CSS property to change the background color of an element to RGB 93, 133, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 133, 123) }
```

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

```
.background{ background-color: rgb(93, 133,  
123) }
```

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