

Converting Colors

RGB(98, 133, 123)

Have a look what the booklet for
RGB(98, 133, 123) contains.

RGB(98, 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(98, 133, 123)

Conversions

Conversions Part 1

Format	Color
Hex	62857B
RGB	98, 133, 123
RGB Percent	38%, 52%, 48%
CMY	0.6157, 0.4784, 0.5176
CMYK	0.26, 0.00, 0.08, 0.48
HSL	163°, 15%, 45%
HSV	163°, 26%, 52%
XYZ	16.9997, 20.8018, 21.8581
YIQ	121.3950, -17.6500, -10.5300

Conversions

Conversions Part 2

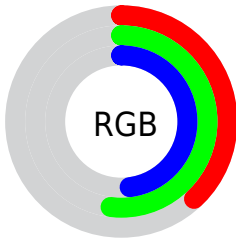
Format	Color
R_{YB}	98, 118, 133
Decimal	6456699
CIE _{Lab}	52.73, -14.55, 1.40
CIE _{LCh}	53, 14.614, 174.515
Yxy	20.8018, 0.2849, 0.3487
Android (android.graphics.Color)	4284646779 (0xFF62857B)
YUV	121.3950, 0.7913, -20.5174
Hunter-Lab	45.6090, -13.2840, 3.5116

Details

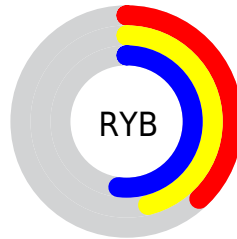
The RGB color **98, 133, 123** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **133, 98, 108**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **150, 186, 175**, and **50, 83, 74** is the 20% darker color. If you saturate the color by 10%, you get **85, 133, 119**, and if you desaturate by 10%, it is **111, 133, 127**.

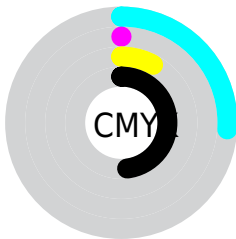
Distribution



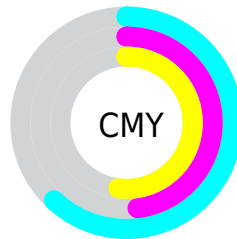
- Red (38%)
- Green (52%)
- Blue (48%)



- Red (38%)
- Yellow (46%)
- Blue (52%)



- Cyan (26%)
- Magenta (0%)
- Yellow (8%)
- Black (48%)



- Cyan (62%)
- Magenta (48%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 98, 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 98, 133, 123 by changing the saturation by 10% instead.



98, 133, 123



98, 133, 123

255, 255, 255



74, 108, 98



150, 186, 175



50, 83, 74



176, 214, 203



27, 60, 52



204, 242, 231



4, 38, 31



232, 255, 255



0, 17, 6



0, 0, 0



98, 133, 123



98, 133, 123



85, 133, 119



111, 133, 127



71, 133, 115



125, 133, 131

■ 58, 133, 112

■ 138, 133, 134

■ 45, 133, 108

■ 151, 133, 138

■ 32, 133, 104

■ 165, 133, 142

■ 18, 133, 100

■ 178, 133, 146

■ 5, 133, 96

■ 191, 133, 150

■ 0, 133, 95

■ 204, 133, 153

■ 218, 133, 157

Harmonies

Analogous

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



110, 131, 111



98, 133, 123



92, 133, 136

Triad

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



98, 133, 123



125, 123, 149



148, 120, 106

Complementary

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



98, 133, 123



133, 98, 108

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.



152, 118, 116



98, 133, 123



140, 120, 141

Square

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



98, 133, 123



109, 128, 151



150, 117, 129



138, 124, 101

Rectangle

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



98, 133, 123



94, 132, 143



150, 117, 129



150, 119, 109

Sweetspot

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



98, 133, 123



160, 173, 169



109, 133, 98



78, 87, 84



214, 214, 214



87, 87, 87

Same Dimension

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



98, 133, 123



118, 173, 158



98, 126, 133



60, 66, 64



0, 130, 93



0, 3, 2

Inverse Universe

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



133, 98, 108



173, 118, 134



133, 105, 98



66, 60, 62



130, 0, 37



3, 0, 1

Previews

White Background



This preview shows how the RGB color 98, 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 98, 133, 123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

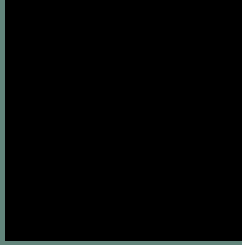
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

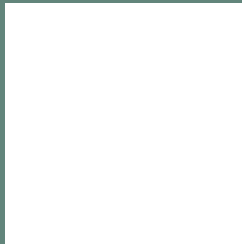
Any Text WCAG AAA × Fail

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

RGB 98, 133, 123 Background



This preview shows how black text looks on a background with the RGB color 98, 133, 123.

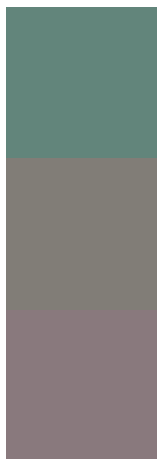


This preview shows how white text looks on a background with the RGB color 98, 133, 123.

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



Original Color


98, 133, 123

Protanopia

129, 125, 119

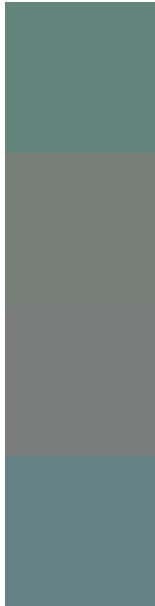
Deuteranopia

137, 121, 125



Tritanopia
102, 130, 141

Trichromacy



Original Color
98, 133, 123

Protanomaly
118, 128, 120

Deuteranomaly
123, 125, 124

Tritanomaly
101, 131, 134

Monochromacy



Original Color
98, 133, 123

Achromatopsia
121, 121, 121

Achromatomaly
113, 125, 122

CSS Examples

Text

The CSS property to change the color of the text to RGB 98, 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(98, 133, 123)` looks like.

```
.text, #text, p{  
    color:rgb(98, 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(98, 133, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 133, 123) }
```

Border

The CSS property to change the border of an element to RGB 98, 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(98, 133, 123) }
```

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

```
.border{ border-color:rgb(98, 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(98, 133, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 133, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 133, 123);  
box-shadow:4px 4px 4px 4px rgb(98, 133,  
123) }
```

Background

The CSS property to change the background color of an element to RGB 98, 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(98, 133, 123) }
```

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

```
.background{ background-color: rgb(98, 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