

Converting Colors

RGB(95, 137, 120)

Have a look what the booklet for
RGB(95, 137, 120) contains.

RGB(95, 137, 120)	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(95, 137, 120)

Conversions

Conversions Part 1

Format	Color
Hex	5F8978
RGB	95, 137, 120
RGB Percent	37%, 54%, 47%
CMY	0.6275, 0.4627, 0.5294
CMYK	0.31, 0.00, 0.12, 0.46
HSL	156°, 18%, 45%
HSV	156°, 31%, 54%
XYZ	17.0551, 21.6803, 21.0551
YIQ	122.5040, -19.5750, -14.1910

Conversions

Conversions Part 2

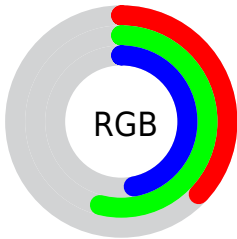
Format	Color
R_{YB}	95, 121, 137
Decimal	6261112
CIE _{Lab}	53.69, -18.35, 4.49
CIE _{LCh}	54, 18.896, 166.242
Yxy	21.6803, 0.2852, 0.3626
Android (android.graphics.Color)	4284451192 (0xFF5F8978)
YUV	122.5040, -1.2345, -24.1210
Hunter-Lab	46.5621, -16.1012, 5.7829

Details

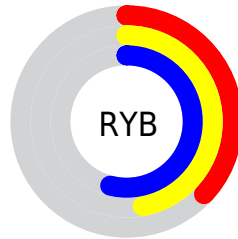
The RGB color **95, 137, 120** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **137, 95, 112**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **147, 191, 172**, and **47, 87, 72** is the 20% darker color. If you saturate the color by 10%, you get **81, 137, 114**, and if you desaturate by 10%, it is **109, 137, 126**.

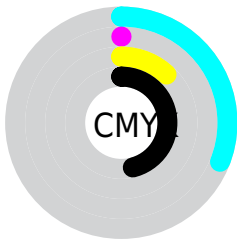
Distribution



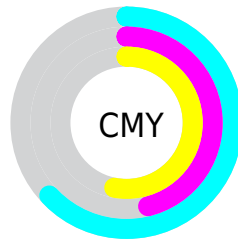
- Red (37%)
- Green (54%)
- Blue (47%)



- Red (37%)
- Yellow (47%)
- Blue (54%)



- Cyan (31%)
- Magenta (0%)
- Yellow (12%)
- Black (46%)






















- Cyan (63%)
- Magenta (46%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 95, 137, 120 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 95, 137, 120 by changing the saturation by 10% instead.

 95, 137, 120	 95, 137, 120
 255, 255, 255	 70, 111, 95
 147, 191, 172	 47, 87, 72
 174, 218, 200	 23, 63, 49
 201, 247, 228	 0, 41, 28
 230, 255, 255	 0, 21, 2
	 0, 0, 0

 95, 137, 120	 95, 137, 120
 81, 137, 114	 109, 137, 126
 68, 137, 109	 122, 137, 131

■ 54, 137, 103

■ 136, 137, 137

■ 40, 137, 98

■ 150, 137, 142

■ 27, 137, 92

■ 164, 137, 148

■ 13, 137, 87

■ 177, 137, 153

■ 0, 137, 82

■ 191, 137, 159

■ 205, 137, 164

■ 218, 137, 170

Harmonies

Analogous

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



113, 134, 105



95, 137, 120



83, 138, 137

Triad

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



95, 137, 120



121, 127, 159



158, 120, 105

Complementary

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



95, 137, 120



137, 95, 112

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.



162, 117, 120



95, 137, 120



142, 121, 151

Square

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



95, 137, 120



99, 132, 159



156, 117, 136



147, 125, 97

Rectangle

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



95, 137, 120



82, 137, 147



156, 117, 136



160, 118, 110

Sweetspot

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



95, 137, 120



162, 179, 172



112, 137, 95



79, 89, 85



217, 217, 217



89, 89, 89

Same Dimension

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



95, 137, 120



112, 179, 152



95, 134, 137



62, 69, 66



0, 133, 79



0, 5, 3

Inverse Universe

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



137, 95, 112



179, 112, 139



137, 99, 95



69, 62, 65



133, 0, 54



5, 0, 2

Previews

White Background



This preview shows how the RGB color 95, 137, 120 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 95, 137, 120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

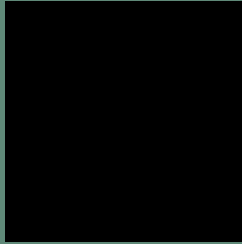
Any Text WCAG AA ✓ Pass

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 95, 137, 120 Background



This preview shows how black text looks on a background with the RGB color 95, 137, 120.



This preview shows how white text looks on a background with the RGB color 95, 137, 120.

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
95, 137, 120

Protanopia
133, 127, 115

Deuteranopia
142, 124, 123



Tritanopia
100, 134, 144

Trichromacy



Original Color
95, 137, 120

Protanomaly
119, 131, 117

Deuteranomaly
125, 129, 122

Tritanomaly
98, 135, 135

Monochromacy



Original Color
95, 137, 120

Achromatopsia
123, 123, 123

Achromatomaly
113, 128, 122

CSS Examples

Text

The CSS property to change the color of the text to RGB 95, 137, 120 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(95, 137, 120)` looks like.

```
.text, #text, p{  
    color:rgb(95, 137, 120)  
}
```

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(95, 137, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 137, 120) }
```

Border

The CSS property to change the border of an element to RGB 95, 137, 120 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(95, 137, 120) }
```

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

```
.border{ border-color:rgb(95, 137, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 137, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 137, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 137, 120);  
box-shadow:4px 4px 4px 4px rgb(95, 137,  
120) }
```

Background

The CSS property to change the background color of an element to RGB 95, 137, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 137, 120) }
```

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

```
.background{ background-color: rgb(95, 137,  
120) }
```

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