

Converting Colors

RGB(85, 122, 119)

Have a look what the booklet for
RGB(85, 122, 119) contains.

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Color

RGB(85, 122, 119)

Conversions

Conversions Part 1

Format	Color
Hex	557A77
RGB	85, 122, 119
RGB Percent	33%, 48%, 47%
CMY	0.6667, 0.5216, 0.5333
CMYK	0.30, 0.00, 0.02, 0.52
HSL	175°, 18%, 41%
HSV	175°, 30%, 48%
XYZ	14.0356, 17.1823, 20.0295
YIQ	110.5950, -21.0890, -8.7770

Conversions

Conversions Part 2

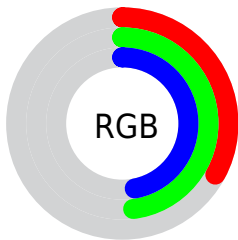
Format	Color
RYB	85, 104, 122
Decimal	5601911
CIELab	48.49, -13.69, -2.56
CIELCh	48, 13.924, 190.584
Yxy	17.1823, 0.2739, 0.3353
Android (android.graphics.Color)	4283791991 (0xFF557A77)
YUV	110.5950, 4.1437, -22.4468
Hunter-Lab	41.4515, -12.0994, 0.3669

Details

The RGB color **85, 122, 119** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **122, 85, 88**, and the grayscale version is **111, 111, 111**.

A 20% lighter version of the original color is **136, 175, 171**, and **37, 73, 71** is the 20% darker color. If you saturate the color by 10%, you get **73, 122, 118**, and if you desaturate by 10%, it is **97, 122, 120**.

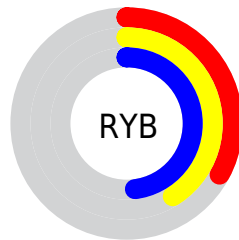
Distribution



Red (33%)

Green (48%)

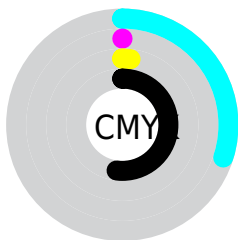
Blue (47%)



Red (33%)

Yellow (41%)

Blue (48%)

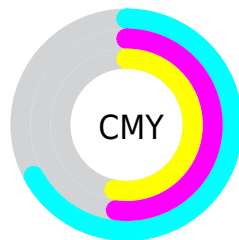


Cyan (30%)

Magenta (0%)

Yellow (2%)

Black (52%)



Cyan (67%)

Magenta (52%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 85, 122, 119 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 85, 122, 119 by changing the saturation by 10% instead.



85, 122, 119



85, 122, 119

255, 255, 255



61, 97, 94



136, 175, 171



37, 73, 71



163, 202, 198



13, 51, 48



190, 230, 226



0, 30, 28



218, 255, 255



0, 0, 0



247, 255, 255



85, 122, 119



85, 122, 119



73, 122, 118



97, 122, 120



61, 122, 117



109, 122, 121

■ 48, 122, 116

■ 122, 122, 122

■ 36, 122, 115

■ 134, 122, 123

■ 24, 122, 114

■ 146, 122, 124

■ 12, 122, 113

■ 158, 122, 125

■ 0, 122, 112

■ 170, 122, 126

■ 183, 122, 127

■ 195, 122, 128

Harmonies

Analogous

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



94, 121, 107



85, 122, 119



84, 121, 130

Triad

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



85, 122, 119



122, 111, 133



131, 112, 93

Complementary

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



85, 122, 119



122, 85, 88

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.



138, 108, 100



85, 122, 119



134, 108, 123

Square

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



85, 122, 119



107, 115, 138



139, 107, 111



120, 116, 92

Rectangle

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



85, 122, 119



89, 119, 135



139, 107, 111



134, 111, 95

Sweetspot

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



85, 122, 119



144, 158, 157



88, 122, 85



70, 79, 78



207, 207, 207



79, 79, 79

Same Dimension

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



85, 122, 119



101, 158, 153



85, 107, 122



55, 61, 61



0, 125, 115



0, 252, 232

Inverse Universe

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



122, 85, 88



158, 101, 106



122, 100, 85



61, 55, 56



125, 0, 10



252, 0, 20

Previews

White Background



This preview shows how the RGB color 85, 122, 119 looks on a white 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

Black Background



This preview shows how the RGB color 85, 122, 119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

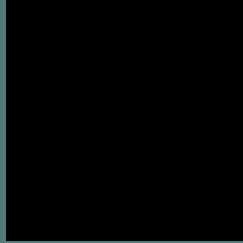
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RGB 85, 122, 119 Background



This preview shows how black text looks on a background with the RGB color 85, 122, 119.



This preview shows how white text looks on a background with the RGB color 85, 122, 119.

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

85, 122, 119

Protanopia

117, 114, 114

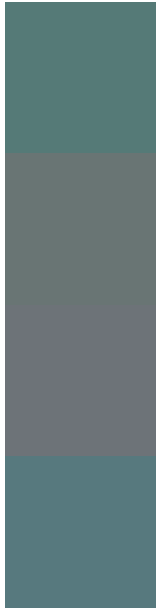
Deuteranopia

123, 111, 121



Tritanopia
88, 120, 130

Trichromacy



Original Color

85, 122, 119

Protanomaly

105, 117, 116

Deuteranomaly

109, 115, 120

Tritanomaly

87, 121, 126

Monochromacy



Original Color

85, 122, 119

Achromatopsia

111, 111, 111

Achromatomaly

102, 115, 114

CSS Examples

Text

The CSS property to change the color of the text to RGB 85, 122, 119 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(85, 122, 119)` looks like.

```
.text, #text, p{  
    color:rgb(85, 122, 119)  
}
```

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(85, 122, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 122, 119) }
```

Border

The CSS property to change the border of an element to RGB 85, 122, 119 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(85, 122, 119) }
```

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

```
.border{ border-color:rgb(85, 122, 119) }
```

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

Here you see how a box with a 4 pixel rgb(85, 122, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 122, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 122, 119);  
box-shadow:4px 4px 4px 4px rgb(85, 122,  
119) }
```

Background

The CSS property to change the background color of an element to RGB 85, 122, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 122, 119) }
```

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

```
.background{ background-color: rgb(85, 122,  
119) }
```

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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