Converting Colors

RGB(95, 145, 107)

Have a look what the booklet for RGB(95, 145, 107) contains.

Color

RGB(95, 145, 107)

Conversions

Conversions Part 1

Format	Color
Hex	5F916B
RGB	95, 145, 107
RGB Percent	37%, 57%, 42%
CMY	0.6275, 0.4314, 0.5804
CMYK	0.34, 0.00, 0.26, 0.43
HSL	134°, 21%, 47%
HSV	134°, 34%, 57%
XYZ	17.4986, 23.7452, 17.5709
YIQ	125.7180, -17.6020, -22.4180

Conversions

Conversions Part 2

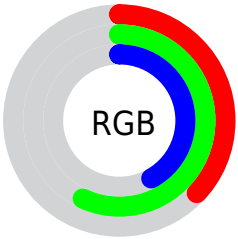
Format	Color
RYB	95, 135, 145
Decimal	6263147
CIELab	55.83, -25.18, 14.96
CIELCh	56, 29.289, 149.282
Yxy	23.7452, 0.2975, 0.4037
Android (android.graphics.Color)	4284453227 (0xFF5F916B)
YUV	125.7180, -9.2280, -26.9397
Hunter-Lab	48.7291, -21.1767, 12.7313

Details

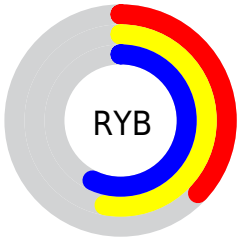
The RGB color 95, 145, 107 is a dark color, and the websafe version is hex 669966. A complement of this color would be 145, 95, 133, and the grayscale version is 126, 126, 126.

A 20% lighter version of the original color is 147, 199, 158, and 46, 94, 59 is the 20% darker color. If you saturate the color by 10%, you get 81, 145, 96, and if you desaturate by 10%, it is 110, 145, 118.

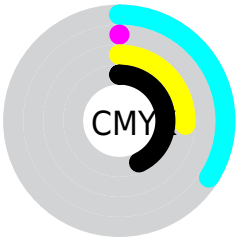
Distribution



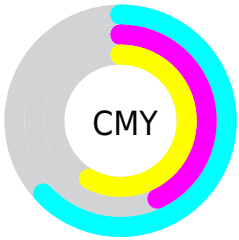
- Red (37%)
- Green (57%)
- Blue (42%)



- Red (37%)
- Yellow (53%)
- Blue (57%)



- Cyan (34%)
- Magenta (0%)
- Yellow (26%)
- Black (43%)



- Cyan (63%)
- Magenta (43%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 95, 145, 107 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, 145, 107 by changing the saturation by 10% instead.

95, 145, 107	95, 145, 107
255, 255, 255	70, 119, 83
147, 199, 158	46, 94, 59
174, 227, 185	20, 70, 37
202, 255, 213	0, 47, 17
230, 255, 242	0, 29, 0
	0, 0, 0

95, 145, 107	95, 145, 107
81, 145, 96	110, 145, 118
66, 145, 85	124, 145, 129

52, 145, 74

37, 145, 63

23, 145, 52

8, 145, 41

0, 145, 35

139, 145, 140

153, 145, 151

168, 145, 162

182, 145, 173

196, 145, 184

211, 145, 195

226, 145, 206

Harmonies

Analogous

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

125, 140, 89

95, 145, 107

63, 147, 132

Triad

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

95, 145, 107

97, 136, 184

183, 116, 110

Complementary

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

95, 145, 107

145, 95, 133

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.

181, 114, 135

95, 145, 107

136, 127, 178

Square

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

95, 145, 107

57, 143, 177

165, 119, 160

172, 123, 91

Rectangle

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

95, 145, 107

45, 147, 150

165, 119, 160

184, 115, 118

Sweetspot

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

95, 145, 107

170, 189, 174

133, 145, 95

83, 94, 86

222, 222, 222

94, 94, 94

Same Dimension

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

95, 145, 107

111, 189, 130

95, 145, 132

64, 71, 66

0, 135, 32

0, 8, 2

Inverse Universe

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

145, 95, 133

189, 111, 170

145, 95, 108

71, 64, 70

135, 0, 103

8, 0, 6

Previews

White Background

This preview shows how the RGB color 95, 145, 107 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

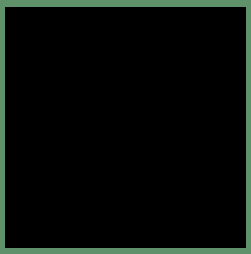
This preview shows how the RGB color 95, 145, 107 looks on a black background.

Color Contrast Check

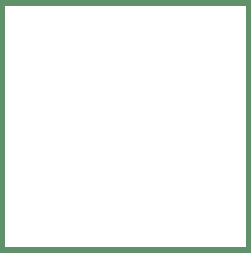
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 95, 145, 107 Background



This preview shows how black text looks on a background with the RGB color 95, 145, 107.



This preview shows how white text looks on a background with the RGB color 95, 145, 107.

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, 145, 107

Protanopia
142, 133, 101

Deuteranopia
154, 128, 111

Tritanopia
104, 139, 150

Trichromacy

Original Color
95, 145, 107

Protanomaly
125, 137, 103

Deuteranomaly
133, 134, 110

Tritanomaly
101, 141, 134

Monochromacy

Original Color
95, 145, 107

Achromatopsia
126, 126, 126

Achromatomaly
115, 133, 119

CSS Examples

Text

The CSS property to change the color of the text to RGB 95, 145, 107 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, 145, 107) looks like.

```
.text, #text, p{
    color:rgb(95, 145, 107)
}
```

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, 145, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 145, 107) }
```

Border

The CSS property to change the border of an element to RGB 95, 145, 107 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, 145, 107) }
```

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

```
.border{ border-color:rgb(95, 145, 107) }
```

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

Here you see how a box with a 4 pixel rgb(95, 145, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(95, 145, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(95, 145, 107); box-shadow:4px 4px 4px 4px rgb(95, 145, 107) }
```

Background

The CSS property to change the background color of an element to RGB 95, 145, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(95, 145, 107) }
```

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

```
.background{ background-color:rgb(95, 145,
107) }
```

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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