Converting Colors

RGB(86, 116, 95)

Have a look what the booklet for RGB(86, 116, 95) contains.

RGB(86, 116, 95) 3
Conversions 4
Details 6
Harmonies 11
Previews 23
Color Blindness Simulation 26
CSS Examples 29

Color

RGB(86, 116, 95)

Conversions

Conversions Part 1

Format	Color
Hex	56745F
RGB	86, 116, 95
RGB Percent	34%, 45%, 37%
CMY	0.6627, 0.5451, 0.6275
CMYK	0.26, 0.00, 0.18, 0.55
HSL	138°, 15%, 40%
HSV	138°, 26%, 45%
XYZ	12.1487, 15.2954, 13.1385
YIQ	104.6360, -11.1390, -12.8910

Conversions

Conversions Part 2

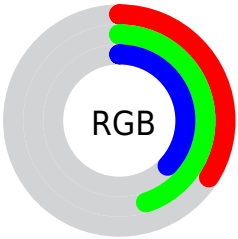
Format	Color
RYB	86, 109, 116
Decimal	5665887
CIELab	46.04, -15.53, 8.13
CIELCh	46, 17.531, 152.377
Yxy	15.2954, 0.2994, 0.3769
Android (android.graphics.Color)	4283855967 (0xFF56745F)
YUV	104.6360, -4.7505, -16.3438
Hunter-Lab	39.1094, -12.9933, 7.4586

Details

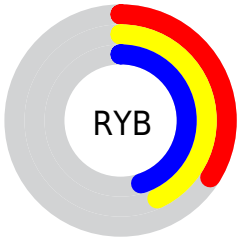
The RGB color 86, 116, 95 is a dark color, and the websafe version is hex 336666. A complement of this color would be 116, 86, 107, and the grayscale version is 105, 105, 105.

A 20% lighter version of the original color is 136, 168, 145, and 40, 68, 49 is the 20% darker color. If you saturate the color by 10%, you get 74, 116, 87, and if you desaturate by 10%, it is 98, 116, 103.

Distribution

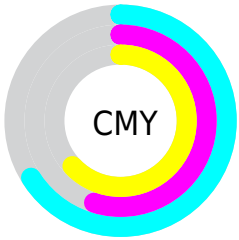


- Red (34%)
- Green (45%)
- Blue (37%)



- Red (34%)
- Yellow (43%)
- Blue (45%)

- Cyan (26%)
- Magenta (0%)
- Yellow (18%)
- Black (55%)



- Cyan (66%)
- Magenta (55%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the RGB color 86, 116, 95 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 86, 116, 95 by changing the saturation by 10% instead.

86, 116, 95	86, 116, 95
255, 255, 255	62, 91, 71
136, 168, 145	40, 68, 49
163, 195, 172	18, 45, 28
190, 223, 199	0, 26, 2
218, 252, 227	0, 0, 0
247, 255, 255	

86, 116, 95	86, 116, 95
74, 116, 87	98, 116, 103
63, 116, 79	109, 116, 111

51, 116, 71

40, 116, 63

28, 116, 54

16, 116, 46

5, 116, 38

0, 116, 35

121, 116, 119

132, 116, 127

144, 116, 136

156, 116, 144

167, 116, 152

179, 116, 160

190, 116, 168

Harmonies

Analogous

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

103, 113, 84

86, 116, 95

72, 117, 110

Triad

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

86, 116, 95

93, 110, 138

138, 100, 94

Complementary

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

86, 116, 95

116, 86, 107

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, 98, 108

86, 116, 95

113, 105, 134

Square

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

86, 116, 95

75, 114, 135

129, 100, 123

131, 104, 84

Rectangle

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

86, 116, 95

67, 117, 120

129, 100, 123

139, 99, 99

Sweetspot

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

86, 116, 95

138, 150, 142

107, 116, 86

69, 77, 71

204, 204, 204

77, 77, 77

Same Dimension

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

86, 116, 95

104, 150, 118

86, 116, 110

53, 59, 55

0, 122, 37

0, 250, 75

Inverse Universe

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

116, 86, 107

150, 104, 136

116, 86, 92

59, 53, 57

122, 0, 86

250, 0, 175

Previews

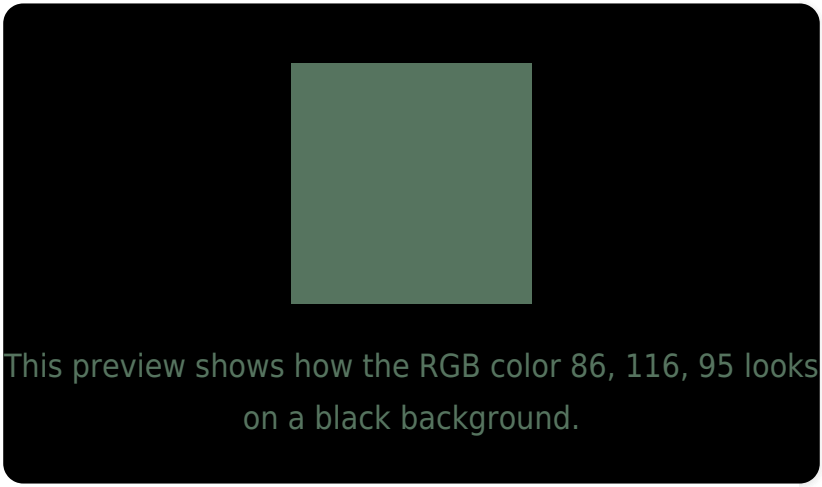
White Background

This preview shows how the RGB color 86, 116, 95 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

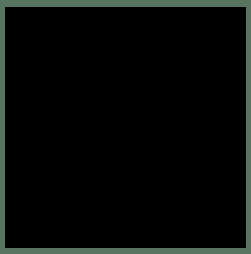


Color Contrast Check

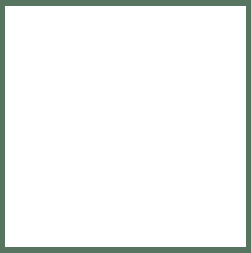
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

RGB 86, 116, 95 Background



This preview shows how black text looks on a background with the RGB color 86, 116, 95.



This preview shows how white text looks on a background with the RGB color 86, 116, 95.

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

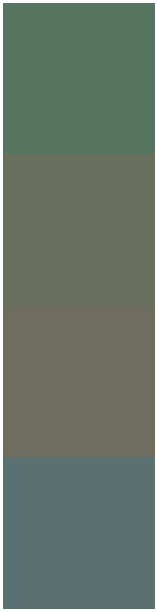
Original Color
86, 116, 95

Protanopia
115, 108, 91

Deuteranopia
123, 105, 97

Tritanopia
91, 112, 121

Trichromacy



Original Color
86, 116, 95

Protanomaly
104, 111, 92

Deuteranomaly
110, 109, 96

Tritanomaly
89, 113, 112

Monochromacy

Original Color
86, 116, 95

Achromatopsia
105, 105, 105

Achromatomaly
98, 109, 101

CSS Examples

Text

The CSS property to change the color of the text to RGB 86, 116, 95 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(86, 116, 95) looks like.

```
.text, #text, p{
    color:rgb(86, 116, 95)
}
```

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(86, 116, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 116, 95) }
```

Border

The CSS property to change the border of an element to RGB 86, 116, 95 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(86, 116, 95) }
```

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

```
.border{ border-color:rgb(86, 116, 95) }
```

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

Here you see how a box with a 4 pixel rgb(86, 116, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(86, 116, 95); -webkit-box-shadow:4px 4px 4px 4px rgb(86, 116, 95); box-shadow:4px 4px 4px 4px rgb(86, 116, 95) }
```

Background

The CSS property to change the background color of an element to RGB 86, 116, 95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(86, 116, 95) }
```

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

```
.background{ background-color:rgb(86, 116,
95) }
```

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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