Converting Colors

RGB(95, 120, 86)

Have a look what the booklet for RGB(95, 120, 86) contains.

RGB(95, 120, 86) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 11
- ***Previews*** 23
- ***Color Blindness Simulation*** 26
- ***CSS Examples*** 29

Color

RGB(95, 120, 86)

Conversions

Conversions Part 1

Format	Color
Hex	5F7856
RGB	95, 120, 86
RGB Percent	37%, 47%, 34%
CMY	0.6275, 0.5294, 0.6627
CMYK	0.21, 0.00, 0.28, 0.53
HSL	104°, 17%, 40%
HSV	104°, 28%, 47%
XYZ	13.1155, 16.5377, 11.3049
YIQ	108.6490, -3.9860, -15.8740

Conversions

Conversions Part 2

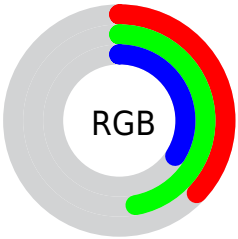
Format	Color
RYB	86, 120, 111
Decimal	6256726
CIELab	47.67, -16.07, 15.78
CIELCh	48, 22.524, 135.530
Yxy	16.5377, 0.3202, 0.4038
Android (android.graphics.Color)	4284446806 (0xFF5F7856)
YUV	108.6490, -11.1660, -11.9702
Hunter-Lab	40.6666, -13.5980, 11.9845

Details

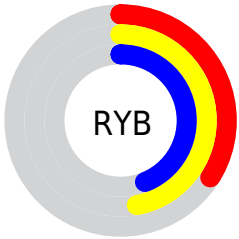
The RGB color 95, 120, 86 is a dark color, and the websafe version is hex 666633. A complement of this color would be 111, 86, 120, and the grayscale version is 109, 109, 109.

A 20% lighter version of the original color is 146, 172, 136, and 48, 71, 40 is the 20% darker color. If you saturate the color by 10%, you get 86, 120, 74, and if you desaturate by 10%, it is 104, 120, 98.

Distribution

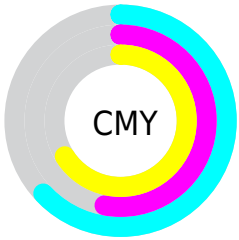


- Red (37%)
- Green (47%)
- Blue (34%)



- Red (34%)
- Yellow (47%)
- Blue (44%)

- Cyan (21%)
- Magenta (0%)
- Yellow (28%)
- Black (53%)



- Cyan (63%)
- Magenta (53%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the RGB color 95, 120, 86 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, 120, 86 by changing the saturation by 10% instead.

95, 120, 86

255, 255, 255

146, 172, 136

173, 200, 162

200, 228, 189

228, 255, 217

255, 255, 246

95, 120, 86

71, 95, 63

48, 71, 40

26, 49, 20

1, 28, 0

0, 0, 0

95, 120, 86

86, 120, 74

77, 120, 62

95, 120, 86

104, 120, 98

113, 120, 110

69, 120, 50

60, 120, 38

51, 120, 26

42, 120, 14

33, 120, 2

32, 120, 0

121, 120, 122

130, 120, 134

139, 120, 146

148, 120, 158

157, 120, 170

166, 120, 182

174, 120, 194

Harmonies

Analogous

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

116, 115, 76

95, 120, 86

73, 123, 103

Triad

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

95, 120, 86

75, 118, 149

151, 99, 104

Complementary

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

95, 120, 86

111, 86, 120

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.

145, 100, 123

95, 120, 86

103, 112, 149

Square

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

95, 120, 86

54, 122, 140

128, 105, 140

147, 103, 87

Rectangle

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

95, 120, 86

60, 124, 116

128, 105, 140

150, 99, 110

Sweetspot

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

95, 120, 86

145, 156, 142

120, 111, 86

73, 79, 70

207, 207, 207

79, 79, 79

Same Dimension

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

95, 120, 86

117, 156, 103

86, 120, 94

57, 61, 55

33, 125, 0

67, 252, 0

Inverse Universe

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

111, 86, 120

142, 103, 156

120, 86, 112

60, 55, 61

92, 0, 125

186, 0, 252

Previews

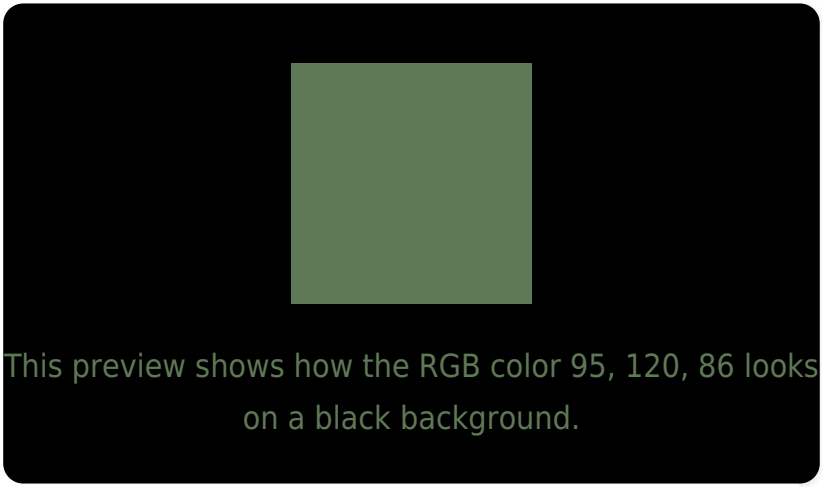
White Background

This preview shows how the RGB color 95, 120, 86 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



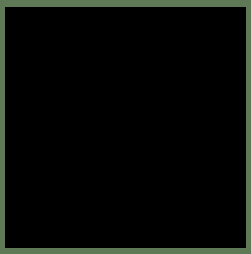
This preview shows how the RGB color 95, 120, 86 looks on a black background.

Color Contrast Check

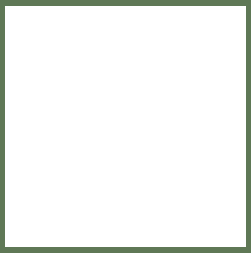
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

RGB 95, 120, 86 Background



This preview shows how black text looks on a background with the RGB color 95, 120, 86.



This preview shows how white text looks on a background with the RGB color 95, 120, 86.

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, 120, 86

Protanopia
121, 113, 83

Deuteranopia
132, 108, 88

Tritanopia
101, 115, 124

Trichromacy

Original Color
95, 120, 86

Protanomaly
112, 116, 84

Deuteranomaly
119, 112, 87

Tritanomaly
99, 117, 110

Monochromacy

Original Color
95, 120, 86

Achromatopsia
109, 109, 109

Achromatomaly
104, 113, 101

CSS Examples

Text

The CSS property to change the color of the text to RGB 95, 120, 86 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, 120, 86) looks like.

```
.text, #text, p{
    color:rgb(95, 120, 86)
}
```

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, 120, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 120, 86) }
```

Border

The CSS property to change the border of an element to RGB 95, 120, 86 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, 120, 86) }
```

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

```
.border{ border-color:rgb(95, 120, 86) }
```

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

Here you see how a box with a 4 pixel rgb(95, 120, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(95, 120, 86); -webkit-box-shadow:4px 4px 4px 4px rgb(95, 120, 86); box-shadow:4px 4px 4px 4px rgb(95, 120, 86) }
```

Background

The CSS property to change the background color of an element to RGB 95, 120, 86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(95, 120, 86) }
```

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

```
.background{ background-color:rgb(95, 120,
86) }
```

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