

Converting Colors

RGB(119, 135, 106)

Have a look what the booklet for
RGB(119, 135, 106) contains.

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Color

RGB(119, 135, 106)

Conversions

Conversions Part 1

Format	Color
Hex	77876A
RGB	119, 135, 106
RGB Percent	47%, 53%, 42%
CMY	0.5333, 0.4706, 0.5843
CMYK	0.12, 0.00, 0.21, 0.47
HSL	93°, 12%, 47%
HSV	93°, 21%, 53%
XYZ	18.8732, 22.2905, 16.9434
YIQ	126.9100, -0.2270, -12.4110

Conversions

Conversions Part 2

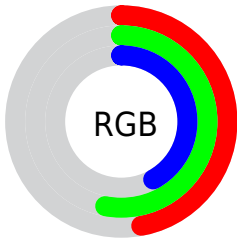
Format	Color
RYB	106, 135, 122
Decimal	7833450
CIELab	54.33, -11.46, 13.69
CIELCh	54, 17.855, 129.935
Yxy	22.2905, 0.3248, 0.3836
Android (android.graphics.Color)	4286023530 (0xFF77876A)
YUV	126.9100, -10.3086, -6.9371
Hunter-Lab	47.2128, -11.2673, 11.7713

Details

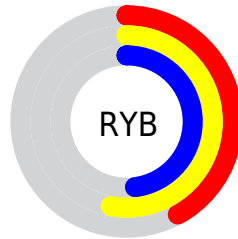
The RGB color **119, 135, 106** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **122, 106, 135**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **171, 188, 157**, and **70, 85, 59** is the 20% darker color. If you saturate the color by 10%, you get **112, 135, 93**, and if you desaturate by 10%, it is **126, 135, 120**.

Distribution



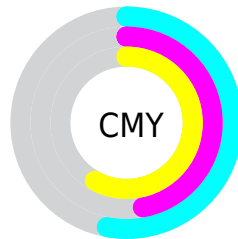
- Red (47%)
- Green (53%)
- Blue (42%)



- Red (42%)
- Yellow (53%)
- Blue (48%)



- Cyan (12%)
- Magenta (0%)
- Yellow (21%)
- Black (47%)



- Cyan (53%)
- Magenta (47%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 135, 106 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 119, 135, 106 by changing the saturation by 10% instead.

■ 119, 135, 106

255, 255, 255

■ 171, 188, 157

■ 199, 216, 184

■ 227, 244, 212

■ 255, 255, 240

■ 119, 135, 106

■ 112, 135, 93

■ 104, 135, 79

■ 119, 135, 106

■ 94, 110, 82

■ 70, 85, 59

■ 48, 62, 37

■ 26, 40, 16

■ 0, 21, 0

■ 0, 0, 0

■ 119, 135, 106

■ 126, 135, 120

■ 134, 135, 133

■ 97, 135, 66

■ 141, 135, 147

■ 89, 135, 52

■ 149, 135, 160

■ 82, 135, 39

■ 156, 135, 174

■ 74, 135, 25

■ 164, 135, 187

■ 67, 135, 11

■ 171, 135, 201

■ 61, 135, 0

■ 179, 135, 214

■ 186, 135, 227

Harmonies

Analogous

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



136, 131, 100



119, 135, 106



102, 138, 119

Triad

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



119, 135, 106



99, 134, 158



161, 119, 125

Complementary

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



119, 135, 106



122, 106, 135

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.



154, 120, 141



119, 135, 106



119, 130, 160

Square

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



119, 135, 106



87, 138, 149



139, 124, 154



160, 121, 111

Rectangle

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



119, 135, 106



93, 139, 129



139, 124, 154



160, 119, 131

Sweetspot

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



119, 135, 106



170, 176, 165



135, 122, 106



86, 89, 83



217, 217, 217



89, 89, 89

Same Dimension

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



119, 135, 106



151, 176, 130



106, 135, 107



63, 66, 60



58, 130, 0



1, 3, 0

Inverse Universe

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



122, 106, 135



155, 130, 176



135, 106, 134



63, 60, 66



72, 0, 130



1, 0, 3

Previews

White Background



This preview shows how the RGB color 119, 135, 106 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 119, 135, 106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

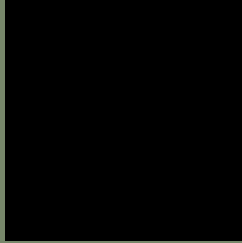
Any Text WCAG AA ✓ Pass

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 119, 135, 106 Background



This preview shows how black text looks on a background with the RGB color 119, 135, 106.



This preview shows how white text looks on a background with the RGB color 119, 135, 106.

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

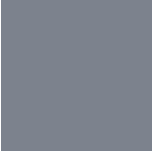
119, 135, 106

Protanopia

138, 129, 103

Deuteranopia

150, 125, 108



Tritanopia
124, 130, 141

Trichromacy



Original Color

119, 135, 106

Protanomaly

131, 131, 104

Deuteranomaly

139, 129, 107

Tritanomaly

122, 132, 128

Monochromacy



Original Color

119, 135, 106

Achromatopsia

127, 127, 127

Achromatomaly

124, 130, 119

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 135, 106 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(119, 135, 106)` looks like.

```
.text, #text, p{  
    color:rgb(119, 135, 106)  
}
```

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(119, 135, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 135, 106) }
```

Border

The CSS property to change the border of an element to RGB 119, 135, 106 is called "border". The border property can be set on classes, ids or directly on the HTML element.

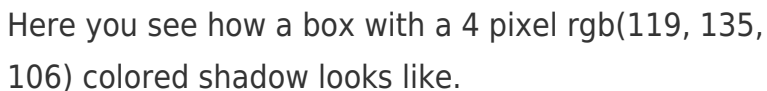
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 135, 106) }
```

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

```
.border{ border-color:rgb(119, 135, 106) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 135, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 135, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 135, 106); box-shadow:4px 4px 4px 4px rgb(119, 135, 106) }
```

Background

The CSS property to change the background color of an element to RGB 119, 135, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 135, 106) }
```

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

```
.background{ background-color: rgb(119,  
135, 106) }
```

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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