

Converting Colors

RGB(115, 123, 101)

Have a look what the booklet for
RGB(115, 123, 101) contains.

RGB(115, 123, 101)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(115, 123, 101)

Conversions

Conversions Part 1

Format	Color
Hex	737B65
RGB	115, 123, 101
RGB Percent	45%, 48%, 40%
CMY	0.5490, 0.5176, 0.6039
CMYK	0.07, 0.00, 0.18, 0.52
HSL	82°, 10%, 44%
HSV	82°, 18%, 48%
XYZ	16.5022, 18.7503, 15.0613
YIQ	118.1000, 2.2940, -8.5380

Conversions

Conversions Part 2

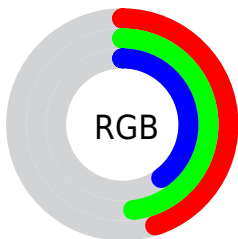
Format	Color
RYB	101, 123, 109
Decimal	7568229
CIELab	50.39, -7.24, 11.04
CIELCh	50, 13.203, 123.279
Yxy	18.7503, 0.3280, 0.3727
Android (android.graphics.Color)	4285758309 (0xFF737B65)
YUV	118.1000, -8.4303, -2.7187
Hunter-Lab	43.3017, -7.7520, 9.6887

Details

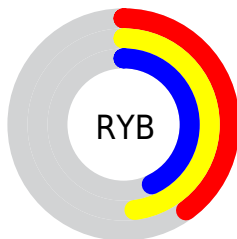
The RGB color **115, 123, 101** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **109, 101, 123**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **167, 175, 152**, and **67, 74, 54** is the 20% darker color. If you saturate the color by 10%, you get **111, 123, 89**, and if you desaturate by 10%, it is **119, 123, 113**.

Distribution



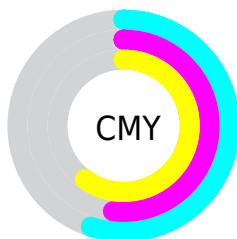
- Red (45%)
- Green (48%)
- Blue (40%)



- Red (40%)
- Yellow (48%)
- Blue (43%)



- Cyan (7%)
- Magenta (0%)
- Yellow (18%)
- Black (52%)



- Cyan (55%)
- Magenta (52%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 115, 123, 101 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 115, 123, 101 by changing the saturation by 10% instead.

■ 115, 123, 101

255, 255, 255

■ 167, 175, 152

■ 194, 203, 179

■ 222, 231, 206

■ 251, 255, 234

■ 115, 123, 101

■ 111, 123, 89

■ 106, 123, 76

■ 115, 123, 101

■ 90, 98, 77

■ 67, 74, 54

■ 44, 52, 33

■ 24, 31, 11

■ 0, 3, 0

■ 0, 0, 0

■ 115, 123, 101

■ 119, 123, 113

■ 124, 123, 126

■ 102, 123, 64

■ 128, 123, 138

■ 97, 123, 52

■ 133, 123, 150

■ 93, 123, 39

■ 137, 123, 163

■ 88, 123, 27

■ 142, 123, 175

■ 84, 123, 15

■ 146, 123, 187

■ 79, 123, 3

■ 151, 123, 199

■ 78, 123, 0

■ 155, 123, 212

Harmonies

Analogous

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



128, 120, 98



115, 123, 101



102, 125, 110

Triad

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



115, 123, 101



96, 124, 140



143, 112, 119

Complementary

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



115, 123, 101



109, 101, 123

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.



136, 113, 130



115, 123, 101



109, 120, 142

Square

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



115, 123, 101



90, 126, 132



124, 117, 139



143, 113, 108

Rectangle

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



115, 123, 101



96, 126, 117



124, 117, 139



141, 112, 123

Sweetspot

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



115, 123, 101



158, 161, 153



123, 109, 101



80, 82, 77



209, 209, 209



82, 82, 82

Same Dimension

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



115, 123, 101



148, 161, 127



104, 123, 101



59, 61, 55



80, 125, 0



161, 252, 0

Inverse Universe

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



109, 101, 123



139, 127, 161



120, 101, 123



57, 55, 61



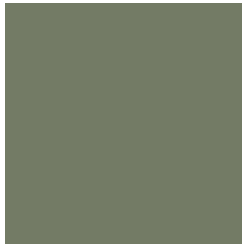
45, 0, 125



92, 0, 252

Previews

White Background



This preview shows how the RGB color 115, 123, 101 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 115, 123, 101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

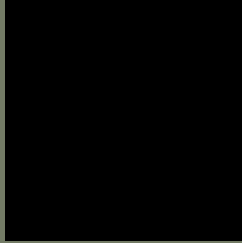
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

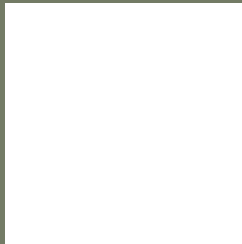
Any Text WCAG AAA × Fail

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

RGB 115, 123, 101 Background



This preview shows how black text looks on a background with the RGB color 115, 123, 101.



This preview shows how white text looks on a background with the RGB color 115, 123, 101.

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


115, 123, 101

Protanopia

127, 120, 99

Deuteranopia

137, 115, 103



Tritanopia
119, 119, 129

Trichromacy



Original Color

115, 123, 101

Protanomaly

123, 121, 100

Deuteranomaly

129, 118, 102

Tritanomaly

118, 120, 119

Monochromacy



Original Color

115, 123, 101

Achromatopsia

118, 118, 118

Achromatomaly

117, 120, 112

CSS Examples

Text

The CSS property to change the color of the text to RGB 115, 123, 101 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(115, 123, 101)` looks like.

```
.text, #text, p{  
    color:rgb(115, 123, 101)  
}
```

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(115, 123, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 123, 101) }
```

Border

The CSS property to change the border of an element to RGB 115, 123, 101 is called "border". The border property can be set on classes, ids or directly on the HTML element.

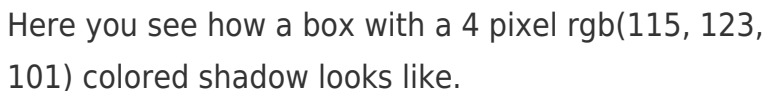
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 123, 101) }
```

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

```
.border{ border-color:rgb(115, 123, 101) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 123, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 123, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 123, 101);  
box-shadow:4px 4px 4px 4px rgb(115, 123,  
101) }
```

Background

The CSS property to change the background color of an element to RGB 115, 123, 101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 123, 101) }
```

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

```
.background{ background-color: rgb(115,  
123, 101) }
```

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