

Converting Colors

RGB(91, 135, 101)

Have a look what the booklet for
RGB(91, 135, 101) contains.

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Color

RGB(91, 135, 101)

Conversions

Conversions Part 1

Format	Color
Hex	5B8765
RGB	91, 135, 101
RGB Percent	36%, 53%, 40%
CMY	0.6431, 0.4706, 0.6039
CMYK	0.33, 0.00, 0.25, 0.47
HSL	134°, 19%, 44%
HSV	134°, 33%, 53%
XYZ	15.3273, 20.4917, 15.4594
YIQ	117.9680, -15.3100, -19.9020

Conversions

Conversions Part 2

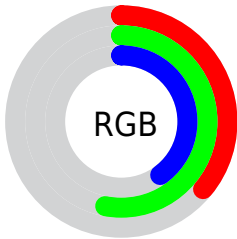
Format	Color
R_{YB}	91, 127, 135
Decimal	5998437
CIE _{Lab}	52.39, -22.63, 13.57
CIE _{LCh}	52, 26.385, 149.039
Yxy	20.4917, 0.2989, 0.3996
Android (android.graphics.Color)	4284188517 (0xFF5B8765)
YUV	117.9680, -8.3652, -23.6509
Hunter-Lab	45.2677, -18.7798, 11.4393

Details

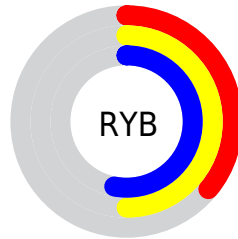
The RGB color **91, 135, 101** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **135, 91, 125**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **142, 189, 152**, and **43, 85, 54** is the 20% darker color. If you saturate the color by 10%, you get **78, 135, 91**, and if you desaturate by 10%, it is **105, 135, 111**.

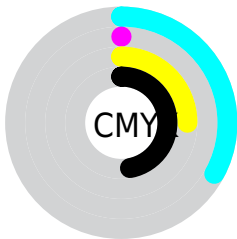
Distribution



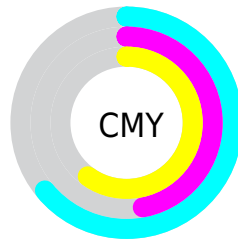
- Red (36%)
- Green (53%)
- Blue (40%)



- Red (36%)
- Yellow (50%)
- Blue (53%)



- Cyan (33%)
- Magenta (0%)
- Yellow (25%)
- Black (47%)



- Cyan (64%)
- Magenta (47%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 91, 135, 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 91, 135, 101 by changing the saturation by 10% instead.



91, 135, 101



91, 135, 101

255, 255, 255



66, 109, 77



142, 189, 152



43, 85, 54



169, 216, 179



18, 61, 32



197, 245, 206



0, 39, 10



225, 255, 235



0, 15, 0

254, 255, 255



0, 0, 0



91, 135, 101



91, 135, 101



78, 135, 91



105, 135, 111



64, 135, 80



118, 135, 122

■ 51, 135, 70

■ 132, 135, 132

■ 37, 135, 59

■ 145, 135, 143

■ 24, 135, 49

■ 159, 135, 153

■ 10, 135, 38

■ 172, 135, 164

■ 0, 135, 31

■ 186, 135, 174

■ 199, 135, 184

■ 212, 135, 195

Harmonies

Analogous

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



118, 130, 85



91, 135, 101



64, 137, 123

Triad

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



91, 135, 101



93, 127, 170



169, 109, 104

Complementary

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



91, 135, 101



135, 91, 125

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.



167, 108, 127



91, 135, 101



127, 119, 164

Square

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



91, 135, 101



60, 133, 163



153, 112, 149



159, 116, 87

Rectangle

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



91, 135, 101



50, 137, 139



153, 112, 149



170, 108, 111

Sweetspot

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



91, 135, 101



158, 176, 162



125, 135, 91



79, 89, 81



217, 217, 217



89, 89, 89

Same Dimension

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



91, 135, 101



107, 176, 123



91, 135, 123



60, 66, 61



0, 130, 30



0, 3, 1

Inverse Universe

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



135, 91, 125



176, 107, 160



135, 91, 103



66, 60, 65



130, 0, 100



3, 0, 2

Previews

White Background



This preview shows how the RGB color 91, 135, 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 91, 135, 101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

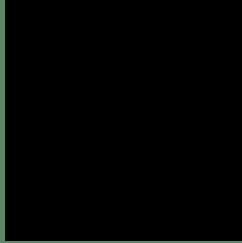
Any Text WCAG AA ✓ Pass

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 91, 135, 101 Background



This preview shows how black text looks on a background with the RGB color 91, 135, 101.



This preview shows how white text looks on a background with the RGB color 91, 135, 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
91, 135, 101

Protanopia
133, 124, 96

Deuteranopia
144, 120, 104



Tritanopia
99, 130, 140

Trichromacy



Original Color
91, 135, 101

Protanomaly
118, 128, 98

Deuteranomaly
125, 125, 103

Tritanomaly
96, 132, 126

Monochromacy



Original Color
91, 135, 101

Achromatopsia
118, 118, 118

Achromatomaly
108, 124, 112

CSS Examples

Text

The CSS property to change the color of the text to RGB 91, 135, 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(91, 135, 101)` looks like.

```
.text, #text, p{  
    color:rgb(91, 135, 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(91, 135, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 135, 101) }
```

Border

The CSS property to change the border of an element to RGB 91, 135, 101 is called "border". The border property can be set on classes, ids or directly on the HTML element.

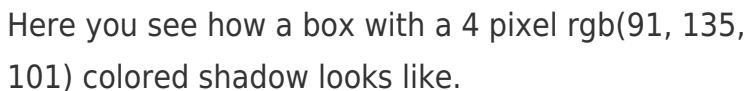
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 135, 101) }
```

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

```
.border{ border-color:rgb(91, 135, 101) }
```

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



Here you see how a box with a 4 pixel `rgb(91, 135, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 135, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 135, 101);  
box-shadow:4px 4px 4px 4px rgb(91, 135,  
101) }
```

Background

The CSS property to change the background color of an element to RGB 91, 135, 101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 135, 101) }
```

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

```
.background{ background-color: rgb(91, 135,  
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](#).

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