

Converting Colors

RGB(51, 145, 106)

Have a look what the booklet for
RGB(51, 145, 106) contains.

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Color

RGB(51, 145, 106)

Conversions

Conversions Part 1

Format	Color
Hex	33916A
RGB	51, 145, 106
RGB Percent	20%, 57%, 42%
CMY	0.8000, 0.4314, 0.5843
CMYK	0.65, 0.00, 0.27, 0.43
HSL	155°, 48%, 38%
HSV	155°, 65%, 57%
XYZ	14.0922, 21.9952, 17.1384
YIQ	112.4480, -43.5050, -32.0570

Conversions

Conversions Part 2

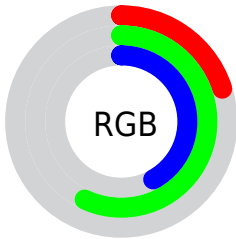
Format	Color
R _{YB}	51, 110, 145
Decimal	3379562
CIE Lab	54.02, -37.18, 12.74
CIE LCh	54, 39.305, 161.084
Yxy	21.9952, 0.2648, 0.4132
Android (android.graphics.Color)	4281569642 (0xFF33916A)
YUV	112.4480, -3.1789, -53.8899
Hunter-Lab	46.8991, -28.4379, 11.1628

Details

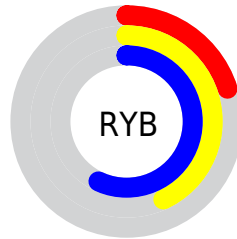
The RGB color **51, 145, 106** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **145, 51, 90**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **108, 200, 157**, and **0, 94, 59** is the 20% darker color. If you saturate the color by 10%, you get **37, 145, 100**, and if you desaturate by 10%, it is **66, 145, 112**.

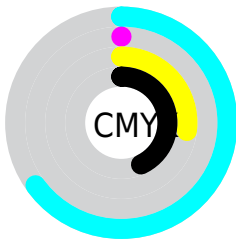
Distribution



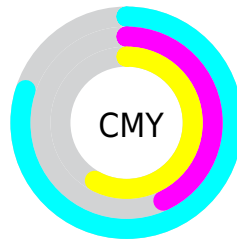
- Red (20%)
- Green (57%)
- Blue (42%)



- Red (20%)
- Yellow (43%)
- Blue (57%)



- Cyan (65%)
- Magenta (0%)
- Yellow (27%)
- Black (43%)




- Cyan (80%)
- Magenta (43%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the RGB color 51, 145, 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 51, 145, 106 by changing the saturation by 10% instead.

 51, 145, 106  51, 145, 106

255, 255, 255  14, 119, 82

 108, 200, 157  0, 94, 59

 136, 228, 184  0, 69, 37

 164, 255, 212  0, 46, 16

 192, 255, 240  0, 23, 0

 221, 255, 255  0, 0, 0

 251, 255, 255

 51, 145, 106  51, 145, 106

 37, 145, 100  66, 145, 112

■ 22, 145, 94

■ 80, 145, 118

■ 8, 145, 88

■ 95, 145, 124

■ 0, 145, 85

■ 109, 145, 130

■ 124, 145, 136

■ 138, 145, 142

■ 153, 145, 148

■ 167, 145, 154

■ 182, 145, 160

Harmonies

Analogous

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



100, 140, 76



51, 145, 106



0, 147, 141

Triad

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



51, 145, 106



96, 128, 196



188, 108, 86

Complementary

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



51, 145, 106



145, 51, 90

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.



193, 101, 118



51, 145, 106



148, 115, 180

Square

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



51, 145, 106



0, 139, 193



181, 104, 152



168, 120, 65

Rectangle

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



51, 145, 106



0, 146, 163



181, 104, 152



191, 105, 96

Sweetspot

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



51, 145, 106



153, 189, 174



90, 145, 51



73, 94, 85



222, 222, 222



94, 94, 94

Same Dimension

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



51, 145, 106



42, 189, 128



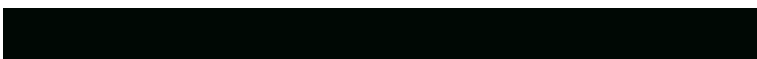
51, 137, 145



64, 71, 68



0, 135, 79



0, 8, 4

Inverse Universe

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



145, 51, 90



189, 42, 103



145, 59, 51



71, 64, 67



135, 0, 56



8, 0, 3

Previews

White Background



This preview shows how the RGB color 51, 145, 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 51, 145, 106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

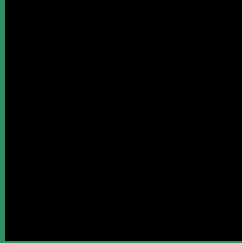
Any Text WCAG AA ✓ Pass

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 51, 145, 106 Background



This preview shows how black text looks on a background with the RGB color 51, 145, 106.

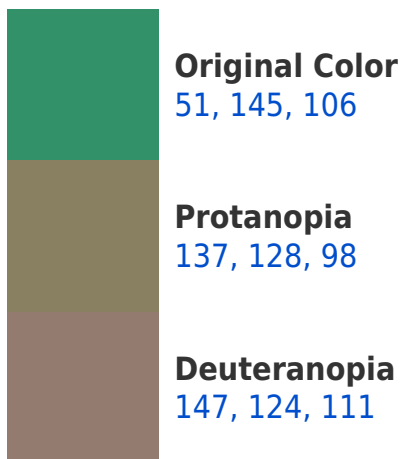


This preview shows how white text looks on a background with the RGB color 51, 145, 106.

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





Tritanopia
67, 139, 150

Trichromacy



Original Color

51, 145, 106



Protanomaly

106, 134, 101



Deuteranomaly

112, 132, 109



Tritanomaly

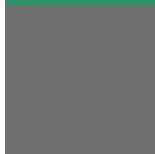
61, 141, 134

Monochromacy



Original Color

51, 145, 106



Achromatopsia

112, 112, 112



Achromatomaly

90, 124, 110

CSS Examples

Text

The CSS property to change the color of the text to RGB 51, 145, 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(51, 145, 106)` looks like.

```
.text, #text, p{  
    color:rgb(51, 145, 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(51, 145, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 145, 106) }
```

Border

The CSS property to change the border of an element to RGB 51, 145, 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(51, 145, 106) }
```

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

```
.border{ border-color:rgb(51, 145, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 145, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 145, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 145, 106);  
box-shadow:4px 4px 4px 4px rgb(51, 145,  
106) }
```

Background

The CSS property to change the background color of an element to RGB 51, 145, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 145, 106) }
```

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

```
.background{ background-color: rgb(51, 145,  
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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