

Converting Colors

RGB(56, 148, 114)

Have a look what the booklet for
RGB(56, 148, 114) contains.

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Color

RGB(56, 148, 114)

Conversions

Conversions Part 1

Format	Color
Hex	389472
RGB	56, 148, 114
RGB Percent	22%, 58%, 45%
CMY	0.7804, 0.4196, 0.5529
CMYK	0.62, 0.00, 0.23, 0.42
HSL	158°, 45%, 40%
HSV	158°, 62%, 58%
XYZ	15.2581, 23.2355, 19.6003
YIQ	116.6160, -43.9180, -30.0780

Conversions

Conversions Part 2

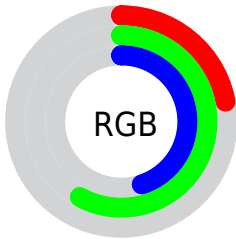
Format	Color
R_{YB}	56, 112, 148
Decimal	3708018
CIE _{Lab}	55.31, -35.65, 10.03
CIE _{LCh}	55, 37.030, 164.287
Yxy	23.2355, 0.2626, 0.4000
Android (android.graphics.Color)	4281898098 (0xFF389472)
YUV	116.6160, -1.2897, -53.1602
Hunter-Lab	48.2032, -27.8538, 9.6338

Details

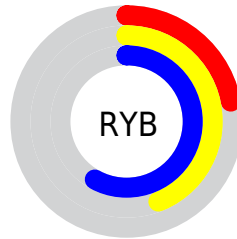
The RGB color **56, 148, 114** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **148, 56, 90**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **112, 203, 166**, and **0, 96, 66** is the 20% darker color. If you saturate the color by 10%, you get **41, 148, 109**, and if you desaturate by 10%, it is **71, 148, 119**.

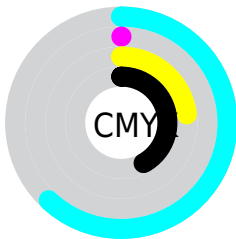
Distribution



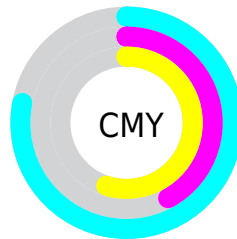
- Red (22%)
- Green (58%)
- Blue (45%)



- Red (22%)
- Yellow (44%)
- Blue (58%)



- Cyan (62%)
- Magenta (0%)
- Yellow (23%)
- Black (42%)



- Cyan (78%)
- Magenta (42%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 56, 148, 114 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 56, 148, 114 by changing the saturation by 10% instead.



56, 148, 114



56, 148, 114

255, 255, 255



22, 122, 89



112, 203, 166



0, 96, 66



140, 231, 193



0, 72, 44



168, 255, 221



0, 49, 23



197, 255, 250



0, 27, 0



226, 255, 255



0, 0, 0



56, 148, 114



56, 148, 114



41, 148, 109



71, 148, 119



26, 148, 103



86, 148, 125

■ 12, 148, 98

■ 100, 148, 130

■ 0, 148, 93

■ 115, 148, 136

■ 130, 148, 141

■ 145, 148, 147

■ 160, 148, 152

■ 174, 148, 158

■ 189, 148, 163

Harmonies

Analogous

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



102, 143, 85



56, 148, 114



0, 149, 147

Triad

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



56, 148, 114



109, 130, 194



187, 114, 89

Complementary

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



56, 148, 114



148, 56, 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.



194, 107, 118



56, 148, 114



155, 118, 179

Square

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



56, 148, 114



39, 141, 194



184, 109, 151



167, 125, 70

Rectangle

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



56, 148, 114



0, 148, 168



184, 109, 151



191, 110, 98

Sweetspot

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



56, 148, 114



155, 191, 178



91, 148, 56



75, 97, 89



224, 224, 224



97, 97, 97

Same Dimension

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



56, 148, 114



48, 191, 138



56, 137, 148



67, 74, 71



0, 138, 87



0, 10, 6

Inverse Universe

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



148, 56, 90



191, 48, 101



148, 67, 56



74, 67, 69



138, 0, 51



10, 0, 4

Previews

White Background



This preview shows how the RGB color 56, 148, 114 looks on a white background.

Color Contrast Check

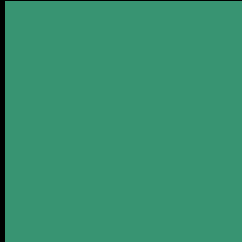
Large Text (above 18pt) WCAG AA ✓ Pass

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 56, 148, 114 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 56, 148, 114 Background



This preview shows how black text looks on a background with the RGB color 56, 148, 114.

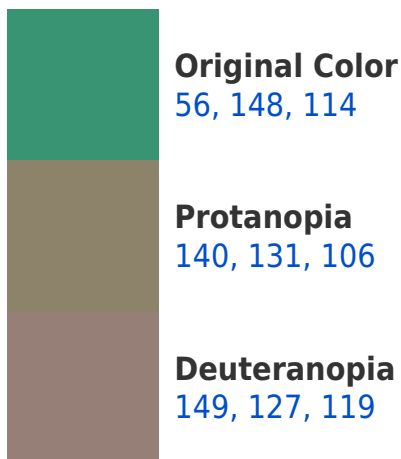


This preview shows how white text looks on a background with the RGB color 56, 148, 114.

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

71, 143, 154

Trichromacy



Original Color

56, 148, 114



Protanomaly

109, 137, 109



Deuteranomaly

115, 135, 117



Tritanomaly

66, 145, 139

Monochromacy



Original Color

56, 148, 114



Achromatopsia

117, 117, 117



Achromatomaly

95, 128, 116

CSS Examples

Text

The CSS property to change the color of the text to RGB 56, 148, 114 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(56, 148, 114)` looks like.

```
.text, #text, p{  
    color:rgb(56, 148, 114)  
}
```

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(56, 148, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 148, 114) }
```

Border

The CSS property to change the border of an element to RGB 56, 148, 114 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(56, 148, 114) }
```

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

```
.border{ border-color:rgb(56, 148, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 148, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 148, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 148, 114);  
box-shadow:4px 4px 4px 4px rgb(56, 148,  
114) }
```

Background

The CSS property to change the background color of an element to RGB 56, 148, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 148, 114) }
```

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

```
.background{ background-color: rgb(56, 148,  
114) }
```

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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