Converting Colors

RGB(54, 129, 68)

Have a look what the booklet for RGB(54, 129, 68) contains.

Color

RGB(54, 129, 68)

Conversions

Conversions Part 1

Format	Color
Hex	368144
RGB	54, 129, 68
RGB Percent	21%, 51%, 27%
CMY	0.7882, 0.4941, 0.7333
CMYK	0.58, 0.00, 0.47, 0.49
HSL	131°, 41%, 36%
HSV	131°, 58%, 51%
XYZ	10.4150, 16.9021, 8.1824
YIQ	99.6210, -25.1190, -34.8710

Conversions

Conversions Part 2

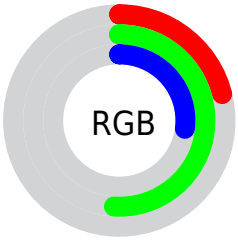
Format	Color
RYB	54, 117, 129
Decimal	3572036
CIELab	48.14, -37.19, 26.18
CIELCh	48, 45.479, 144.853
Yxy	16.9021, 0.2934, 0.4761
Android (android.graphics.Color)	4281762116 (0xFF368144)
YUV	99.6210, -15.5892, -40.0096
Hunter-Lab	41.1122, -26.7269, 16.9784

Details

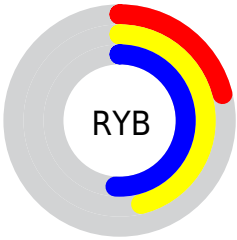
The RGB color 54, 129, 68 is a dark color, and the websafe version is hex 006633. A complement of this color would be 129, 54, 115, and the grayscale version is 100, 100, 100.

A 20% lighter version of the original color is 108, 183, 117, and 0, 79, 22 is the 20% darker color. If you saturate the color by 10%, you get 41, 129, 58, and if you desaturate by 10%, it is 67, 129, 78.

Distribution

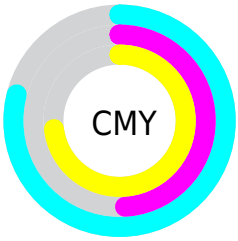


- Red (21%)
- Green (51%)
- Blue (27%)



- Red (21%)
- Yellow (46%)
- Blue (51%)

- Cyan (58%)
- Magenta (0%)
- Yellow (47%)
- Black (49%)



- Cyan (79%)
- Magenta (49%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the RGB color 54, 129, 68 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 54, 129, 68 by changing the saturation by 10% instead.

54, 129, 68

255, 255, 255

108, 183, 117

135, 210, 143

162, 239, 170

190, 255, 197

219, 255, 225

248, 255, 254

54, 129, 68

24, 103, 45

0, 79, 22

0, 55, 0

0, 35, 0

0, 0, 0

54, 129, 68

41, 129, 58

54, 129, 68

67, 129, 78

28, 129, 47

15, 129, 37

2, 129, 26

0, 129, 24

80, 129, 89

93, 129, 99

106, 129, 110

119, 129, 120

131, 129, 131

144, 129, 141

157, 129, 152

170, 129, 162

Harmonies

Analogous

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

104, 122, 39

54, 129, 68

0, 133, 106

Triad

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

54, 129, 68

0, 121, 191

184, 82, 84

Complementary

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

54, 129, 68

129, 54, 115

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.

180, 80, 123

54, 129, 68

104, 107, 184

Square

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

54, 129, 68

0, 129, 176

155, 91, 159

169, 95, 52

Rectangle

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

54, 129, 68

0, 133, 133

155, 91, 159

185, 80, 97

Sweetspot

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

54, 129, 68

140, 168, 145

115, 129, 54

67, 84, 70

212, 212, 212

84, 84, 84

Same Dimension

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

54, 129, 68

50, 168, 72

54, 129, 105

57, 64, 59

0, 128, 24

0, 0, 0

Inverse Universe

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

129, 54, 115

168, 50, 146

129, 54, 78

64, 57, 63

128, 0, 104

0, 0, 0

Previews

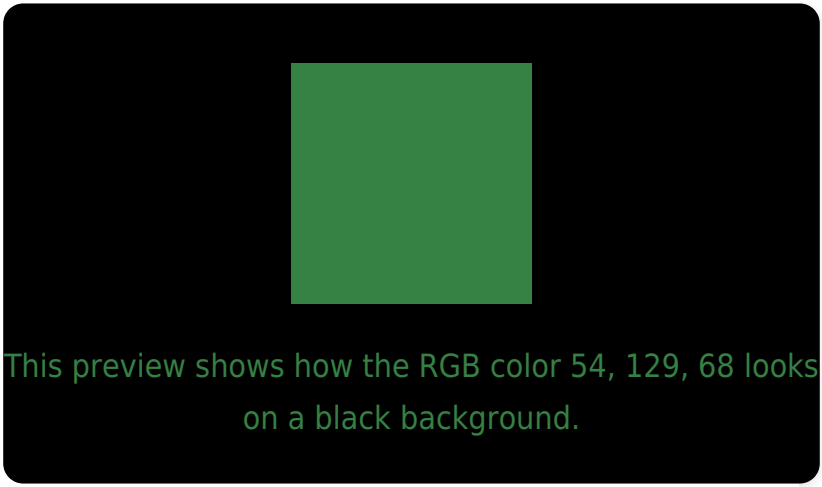
White Background

This preview shows how the RGB color 54, 129, 68 looks on a white 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

Black 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

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 54, 129, 68 Background

This preview shows how black text looks on a background with the RGB color 54, 129, 68.

This preview shows how white text looks on a background with the RGB color 54, 129, 68.

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
54, 129, 68

Protanopia
125, 114, 63

Deuteranopia
137, 109, 73

Tritanopia
71, 122, 132

Trichromacy

Original Color
54, 129, 68

Protanomaly
99, 119, 65

Deuteranomaly
107, 116, 71

Tritanomaly
65, 125, 109

Monochromacy

Original Color
54, 129, 68

Achromatopsia
100, 100, 100

Achromatomaly
83, 111, 88

CSS Examples

Text

The CSS property to change the color of the text to RGB 54, 129, 68 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(54, 129, 68) looks like.

```
.text, #text, p{
    color:rgb(54, 129, 68)
}
```

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(54, 129, 68) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(54, 129, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 129, 68) }
```

Border

The CSS property to change the border of an element to RGB 54, 129, 68 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(54, 129, 68) }
```

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

```
.border{ border-color:rgb(54, 129, 68) }
```

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

Here you see how a box with a 4 pixel rgb(54, 129, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(54, 129, 68); -webkit-box-shadow:4px 4px 4px 4px rgb(54, 129, 68); box-shadow:4px 4px 4px 4px rgb(54, 129, 68) }
```

Background

The CSS property to change the background color of an element to RGB 54, 129, 68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(54, 129, 68) }
```

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

```
.background{ background-color:rgb(54, 129, 68) }
```

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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