

Converting Colors

RGB(58, 154, 61)

Have a look what the booklet for
RGB(58, 154, 61) contains.

RGB(58, 154, 61)	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(58, 154, 61)

Conversions

Conversions Part 1

Format	Color
Hex	3A9A3D
RGB	58, 154, 61
RGB Percent	23%, 60%, 24%
CMY	0.7725, 0.3961, 0.7608
CMYK	0.62, 0.00, 0.60, 0.40
HSL	122°, 45%, 42%
HSV	122°, 62%, 60%
XYZ	14.1428, 24.3477, 8.3690
YIQ	114.6940, -27.3630, -49.2750

Conversions

Conversions Part 2

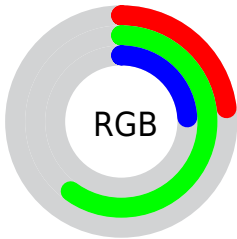
Format	Color
RYB	58, 151, 154
Decimal	3840573
CIELab	56.43, -47.26, 39.85
CIElCh	56, 61.821, 139.864
Yxy	24.3477, 0.3018, 0.5196
Android (android.graphics.Color)	4282030653 (0xFF3A9A3D)
YUV	114.6940, -26.4711, -49.7206
Hunter-Lab	49.3434, -35.1891, 24.4843

Details

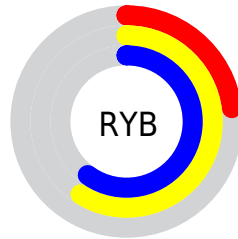
The RGB color **58, 154, 61** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **154, 58, 151**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **116, 209, 112**, and **0, 102, 7** is the 20% darker color. If you saturate the color by 10%, you get **43, 154, 46**, and if you desaturate by 10%, it is **73, 154, 76**.

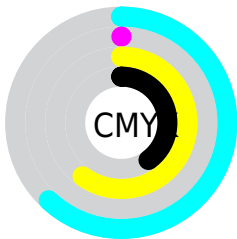
Distribution



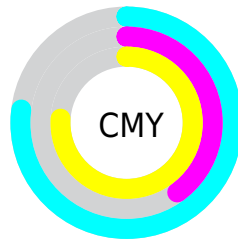
- Red (23%)
- Green (60%)
- Blue (24%)



- Red (23%)
- Yellow (59%)
- Blue (60%)



- Cyan (62%)
- Magenta (0%)
- Yellow (60%)
- Black (40%)




- Cyan (77%)
- Magenta (40%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the RGB color 58, 154, 61 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 58, 154, 61 by changing the saturation by 10% instead.


 58, 154, 61

 58, 154, 61

255, 255, 255

 22, 127, 36

 116, 209, 112

 0, 102, 7

 144, 238, 138

 0, 77, 0

 172, 255, 165

 0, 53, 0

 201, 255, 192


 0, 31, 0

 230, 255, 221


 0, 0, 0

 255, 255, 250

 58, 154, 61

 58, 154, 61

 43, 154, 46

 73, 154, 76

■ 27, 154, 31

■ 89, 154, 91

■ 12, 154, 16

■ 104, 154, 106

■ 0, 154, 5

■ 120, 154, 121

■ 135, 154, 136

■ 150, 154, 151

■ 166, 154, 165

■ 181, 154, 180

■ 197, 154, 195

Harmonies

Analogous

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



128, 143, 12



58, 154, 61



0, 159, 115

Triad

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



58, 154, 61



0, 147, 242



231, 84, 102

Complementary

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



58, 154, 61



154, 58, 151

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.



223, 84, 156



58, 154, 61



98, 129, 237

Square

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



58, 154, 61



0, 157, 217



182, 104, 205



214, 104, 53

Rectangle

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



58, 154, 61



0, 160, 152



182, 104, 205



232, 81, 120

Sweetspot

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



58, 154, 61



163, 201, 164



152, 154, 58



79, 102, 79



230, 230, 230



102, 102, 102

Same Dimension

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



58, 154, 61



50, 201, 55



58, 154, 108



69, 77, 69



0, 140, 4



0, 13, 0

Inverse Universe

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



154, 58, 151



201, 50, 197



154, 58, 104



77, 69, 76



140, 0, 136



13, 0, 12

Previews

White Background



This preview shows how the RGB color 58, 154, 61 looks on a white background.

Color Contrast Check

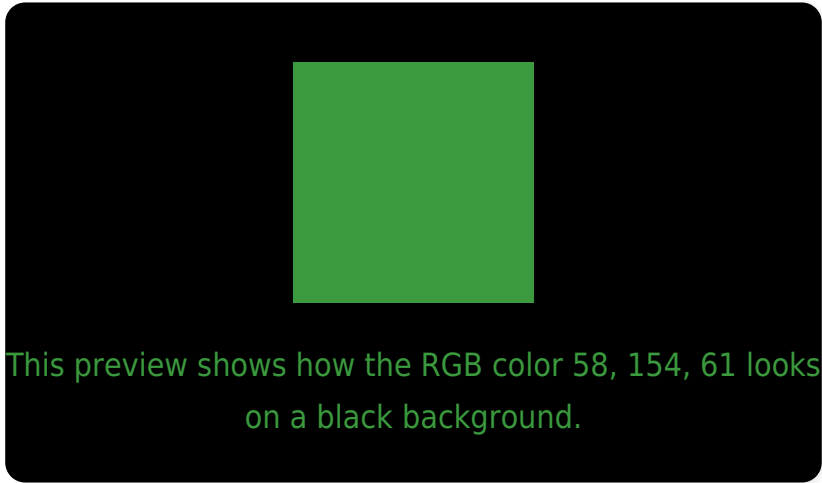
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 58, 154, 61 Background



This preview shows how black text looks on a background with the RGB color 58, 154, 61.



This preview shows how white text looks on a background with the RGB color 58, 154, 61.

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
58, 154, 61

Protanopia
150, 135, 55

Deuteranopia
165, 128, 69



Tritanopia
82, 144, 156

Trichromacy



Original Color
58, 154, 61

Protanomaly
117, 142, 57

Deuteranomaly
126, 137, 66

Tritanomaly
73, 148, 121

Monochromacy



Original Color
58, 154, 61

Achromatopsia
115, 115, 115

Achromatomaly
94, 129, 95

CSS Examples

Text

The CSS property to change the color of the text to RGB 58, 154, 61 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(58, 154, 61)` looks like.

```
.text, #text, p{  
    color:rgb(58, 154, 61)  
}
```

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(58, 154, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 154, 61) }
```

Border

The CSS property to change the border of an element to RGB 58, 154, 61 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(58, 154, 61) }
```

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

```
.border{ border-color:rgb(58, 154, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 154, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 154, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 154, 61);  
box-shadow:4px 4px 4px 4px rgb(58, 154,  
61) }
```

Background

The CSS property to change the background color of an element to RGB 58, 154, 61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 154, 61) }
```

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

```
.background{ background-color: rgb(58, 154,  
61) }
```

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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