

Converting Colors

RGB(61, 150, 105)

Have a look what the booklet for
RGB(61, 150, 105) contains.

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Color

RGB(61, 150, 105)

Conversions

Conversions Part 1

Format	Color
Hex	3D9669
RGB	61, 150, 105
RGB Percent	24%, 59%, 41%
CMY	0.7608, 0.4118, 0.5882
CMYK	0.59, 0.00, 0.30, 0.41
HSL	150°, 42%, 41%
HSV	150°, 59%, 59%
XYZ	15.3806, 23.8247, 17.1526
YIQ	118.2590, -38.5990, -32.8630

Conversions

Conversions Part 2

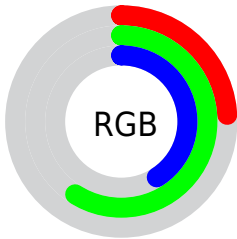
Format	Color
RYB	61, 121, 150
Decimal	4036201
CIELab	55.91, -37.50, 15.97
CIELCh	56, 40.756, 156.930
Yxy	23.8247, 0.2729, 0.4227
Android (android.graphics.Color)	4282226281 (0xFF3D9669)
YUV	118.2590, -6.5367, -50.2161
Hunter-Lab	48.8106, -29.1716, 13.3322

Details

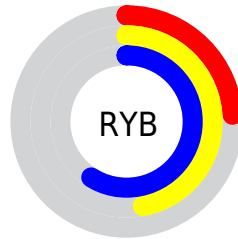
The RGB color **61, 150, 105** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **150, 61, 106**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **116, 205, 156**, and **0, 98, 58** is the 20% darker color. If you saturate the color by 10%, you get **46, 150, 97**, and if you desaturate by 10%, it is **76, 150, 113**.

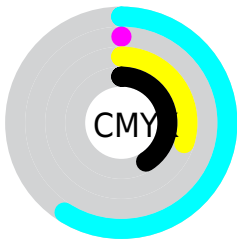
Distribution



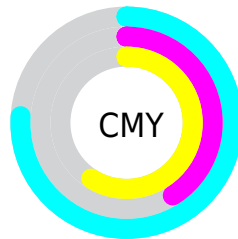
- Red (24%)
- Green (59%)
- Blue (41%)



- Red (24%)
- Yellow (47%)
- Blue (59%)



- Cyan (59%)
- Magenta (0%)
- Yellow (30%)
- Black (41%)























- Cyan (76%)
- Magenta (41%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 61, 150, 105 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 61, 150, 105 by changing the saturation by 10% instead.

 61, 150, 105	 61, 150, 105
 255, 255, 255	 30, 124, 81
 116, 205, 156	 0, 98, 58
 144, 233, 183	 0, 74, 36
 172, 255, 211	 0, 50, 15
 201, 255, 239	 0, 29, 0
 230, 255, 255	 0, 0, 0

 61, 150, 105	 61, 150, 105
 46, 150, 97	 76, 150, 113
 31, 150, 90	 91, 150, 120

■ 16, 150, 82

■ 106, 150, 128

■ 1, 150, 75

■ 121, 150, 135

■ 0, 150, 74

■ 136, 150, 143

■ 151, 150, 151

■ 166, 150, 158

■ 181, 150, 166

■ 196, 150, 173

Harmonies

Analogous

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



110, 144, 75



61, 150, 105



0, 152, 141

Triad

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



61, 150, 105



90, 135, 204



197, 110, 93

Complementary

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



61, 150, 105



150, 61, 106

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.



200, 104, 127



61, 150, 105



148, 122, 191

Square

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



61, 150, 105



0, 145, 199



184, 109, 162



178, 122, 69

Rectangle

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



61, 150, 105



0, 152, 165



184, 109, 162



200, 107, 104

Sweetspot

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



61, 150, 105



159, 194, 176



107, 150, 61



76, 97, 86



224, 224, 224



97, 97, 97

Same Dimension

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



61, 150, 105



56, 194, 124



61, 150, 149



67, 74, 70



0, 138, 68



0, 10, 5

Inverse Universe

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



150, 61, 106



194, 56, 126



150, 61, 62



74, 67, 70



138, 0, 70



10, 0, 5

Previews

White Background



This preview shows how the RGB color 61, 150, 105 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 61, 150, 105 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 61, 150, 105 Background



This preview shows how black text looks on a background with the RGB color 61, 150, 105.

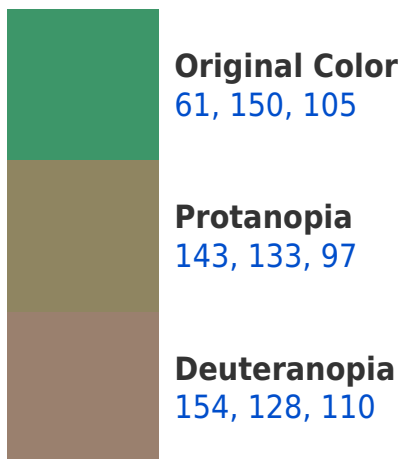


This preview shows how white text looks on a background with the RGB color 61, 150, 105.

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

77, 144, 155

Trichromacy



Original Color

61, 150, 105



Protanomaly

113, 139, 100



Deuteranomaly

120, 136, 108



Tritanomaly

71, 146, 137

Monochromacy



Original Color

61, 150, 105



Achromatopsia

118, 118, 118



Achromatomaly

97, 130, 113

CSS Examples

Text

The CSS property to change the color of the text to RGB 61, 150, 105 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(61, 150, 105)` looks like.

```
.text, #text, p{  
    color:rgb(61, 150, 105)  
}
```

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(61, 150, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 150, 105) }
```

Border

The CSS property to change the border of an element to RGB 61, 150, 105 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(61, 150, 105) }
```

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

```
.border{ border-color:rgb(61, 150, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 150, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 150, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 150, 105);  
box-shadow:4px 4px 4px 4px rgb(61, 150,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 61, 150, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 150, 105) }
```

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

```
.background{ background-color: rgb(61, 150,  
105) }
```

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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