

# Converting Colors

Hex(61C15E)

Have a look what the booklet for  
Hex(61C15E) contains.

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# **Color**

**Hex(61C15E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61C15E
RGB	97, 193, 94
RGB Percent	38%, 76%, 37%
CMY	0.6196, 0.2431, 0.6314
CMYK	0.50, 0.00, 0.51, 0.24
HSL	118°, 44%, 56%
HSV	118°, 51%, 76%
XYZ	26.0201, 41.4895, 17.2265
YIQ	153.0100, -25.4370, -51.1410

# Conversions

## Conversions Part 2

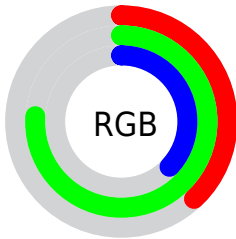
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 193, 190
Decimal	6406494
CIELab	70.52, -48.26, 41.00
CIElCh	71, 63.324, 139.653
Yxy	41.4895, 0.3071, 0.4896
Android (android.graphics.Color)	4284596574 (0xFF61C15E)
YUV	153.0100, -29.0919, -49.1208
Hunter-Lab	64.4123, -40.6144, 29.2320

# Details

The Hex color **61C15E** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **BE5EC1**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **9AFA92**, and **238A2C** is the 20% darker color. If you saturate the color by 10%, you get **4EC14B**, and if you desaturate by 10%, it is **74C171**.

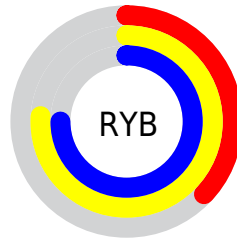
# Distribution



Red (38%)

Green (76%)

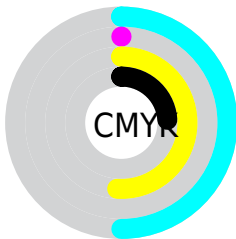
Blue (37%)



Red (37%)

Yellow (76%)

Blue (75%)

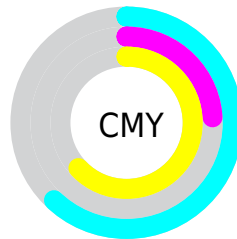


Cyan (50%)

Magenta (0%)

Yellow (51%)

Black (24%)



Cyan (62%)

Magenta (24%)


Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61C15E 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 Hex color 61C15E by changing the saturation by 10% instead.



 61C15E

 61C15E

FFFFFF

 44A545

 9AFA92

 238A2C

 B6FFAE

 007011

 D3FFC9

 005700

 F1FFE6

 003F00

 002900

 000400

 000000

 61C15E

 61C15E

 4EC14B

 74C171

 3CC137

 86C185

 29C124

 99C198

 16C111

 ACC1AB

 06C100

 BFC1BF

 D1C1D2

 E4C1E5

 F7C1F8

 FFC1FF

# Harmonies

## Analogous

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



A7B536



61C15E



00C796

# Triad

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



61C15E



00B9FF



FF7A89

# Complementary

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



61C15E



BE5EC1

# 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.



FF7AC3



61C15E



8AA5FF

# Square

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



61C15E



00C4FF



DF8DF8



FF8C56

# Rectangle

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



61C15E



00C8BE



DF8DF8



FF779C

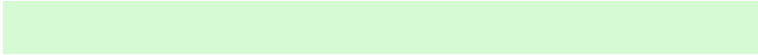


# Sweetspot

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



61C15E



D6FAD4



C1BE5E



677D66



FCFCFC



7D7D7D



# Same Dimension

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



61C15E



64FA5F



5EC18C



586157



05A100



012100



# Inverse Universe

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



BE5EC1



F55FFA



C15E93



615761



9C00A1



200021



# Previews

## White Background



This preview shows how the Hex color 61C15E looks on a white background.

## Color Contrast Check

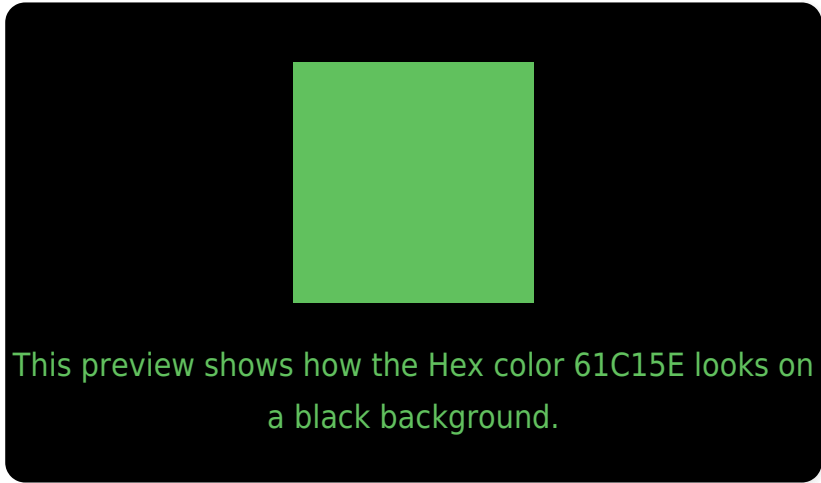
Large Text (above 18pt) WCAG AA × Fail

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

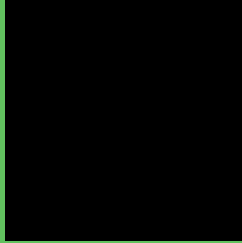
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 61C15E Background



This preview shows how black text looks on a background with the Hex color 61C15E.

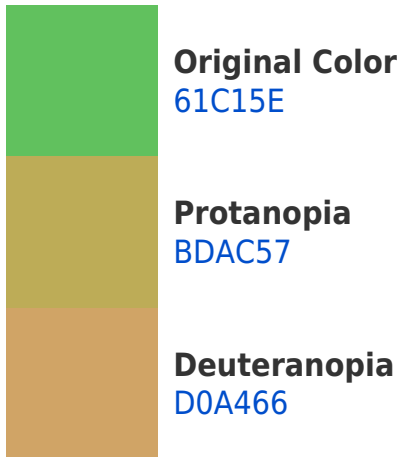


This preview shows how white text looks on a background with the Hex color 61C15E.

# 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](#).

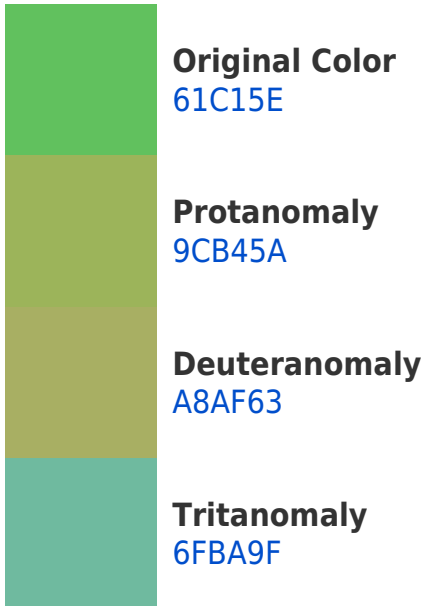
## Dichromacy





**Tritanopia**  
77B6C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61C15E 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 #61C15E looks like.

```
.text, #text, p{  
    color:#61C15E  
}
```

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 #61C15E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61C15E
}
```

## Border

The CSS property to change the border of an element to Hex 61C15E 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
#61C15E }
```

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

```
.border{ border-color:#61C15E }
```

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

Here you see how a box with a 4 pixel #61C15E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61C15E; -webkit-box-shadow:4px 4px  
4px 4px #61C15E; box-shadow:4px 4px 4px  
4px #61C15E }
```

# Background

The CSS property to change the background color of an element to Hex 61C15E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61C15E }
```

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

```
.background{ background-color:#61C15E }
```

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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