

Converting Colors

Hex(61C60D)

Have a look what the booklet for
Hex(61C60D) contains.

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Color

Hex(61C60D)

Conversions

Conversions Part 1

Format	Color
Hex	61C60D
RGB	97, 198, 13
RGB Percent	38%, 78%, 5%
CMY	0.6196, 0.2235, 0.9490
CMYK	0.51, 0.00, 0.93, 0.22
HSL	93°, 88%, 41%
HSV	93°, 93%, 78%
XYZ	25.1965, 42.9586, 7.3446
YIQ	146.7110, -0.8110, -78.9470

Conversions

Conversions Part 2

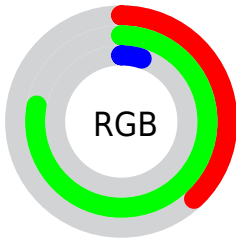
Format	Color
RYB	13, 198, 114
Decimal	6407693
CIELab	71.53, -56.07, 69.49
CIELCh	72, 89.296, 128.900
Yxy	42.9586, 0.3337, 0.5690
Android (android.graphics.Color)	4284597773 (0xFF61C60D)
YUV	146.7110, -65.9195, -43.5965
Hunter-Lab	65.5428, -46.0795, 39.2360

Details

The Hex color **61C60D** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **720DC6**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **9DFF55**, and **198F00** is the 20% darker color. If you saturate the color by 10%, you get **5AC600**, and if you desaturate by 10%, it is **6CC621**.

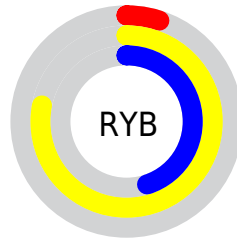
Distribution



Red (38%)

Green (78%)

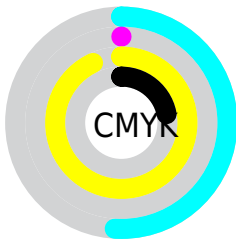
Blue (5%)



Red (5%)

Yellow (78%)

Blue (45%)

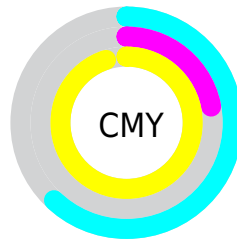


Cyan (51%)

Magenta (0%)

Yellow (93%)

Black (22%)



Cyan (62%)

Magenta (22%)


Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61C60D 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 61C60D by changing the saturation by 10% instead.

 61C60D

 61C60D

FFFFFF

 41AA00

 9DFF55

 198F00

 BBFF71

 007500

 D8FF8E

 005B00

 F7FFAA

 004200

 FFFFC7

 002C00

 FFFFE4

 000A00

 000000

 61C60D

 61C60D

■ 5AC600

■ 6CC621

■ 77C635

■ 81C648

■ 8CC65C

■ 97C670

■ A2C684

■ ADC698

■ B7C6AB

■ C2C6BF

Harmonies

Analogous

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



BDB300



61C60D



00D071

Triad

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



61C60D



00C8FF



FF4F9B

Complementary

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



61C60D



720DC6

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.



FF61EC



61C60D



00B1FF

Square

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



61C60D



00D2FF



CE8DFE



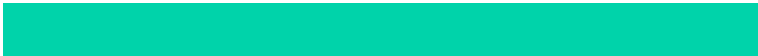
FF6D4C

Rectangle

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



61C60D



00D3AA



CE8DFF



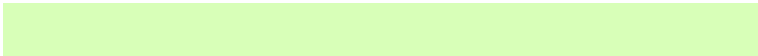
FF4FB6

Sweetspot

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



61C60D



D8FFB8



C6700D



688054



000000



808080

Same Dimension

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



61C60D



74FF00



0DC613



5E635A



4AA300



102400

Inverse Universe

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



720DC6



8B00FF



C60DC0



5F5A63



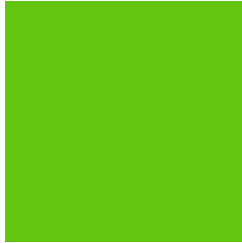
5900A3



130024

Previews

White Background



This preview shows how the Hex color 61C60D looks on a white background.

Color Contrast Check

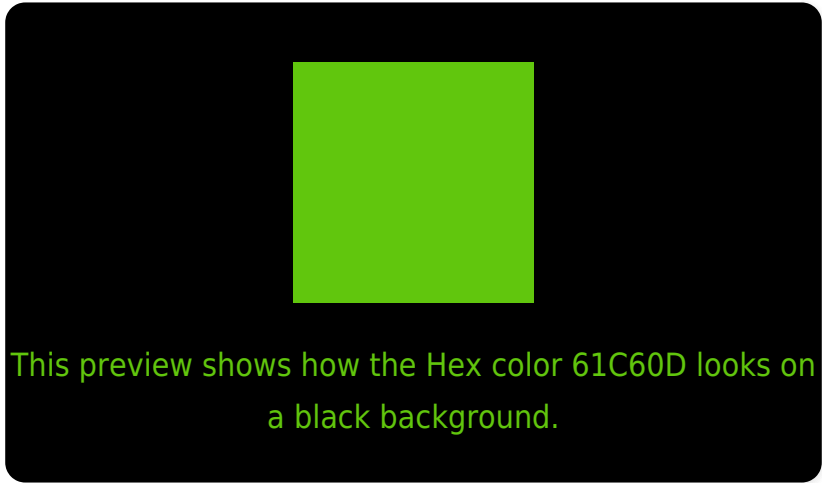
Large Text (above 18pt) WCAG AA × Fail

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 61C60D Background



This preview shows how black text looks on a background with the Hex color 61C60D.



This preview shows how white text looks on a background with the Hex color 61C60D.

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](#).

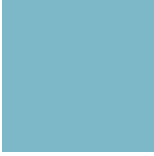
Dichromacy



Original Color
61C60D

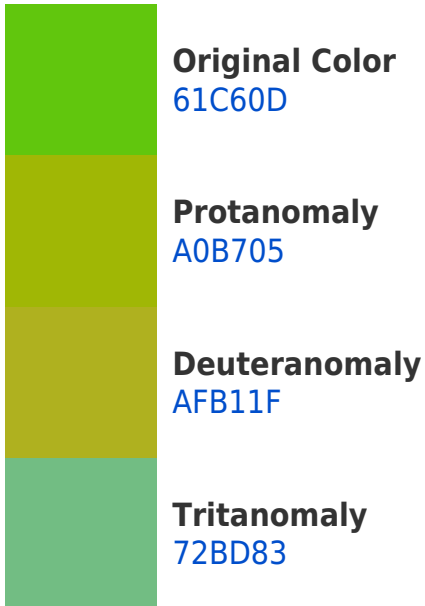
Protanopia
C4AE00

Deuteranopia
DBA52A

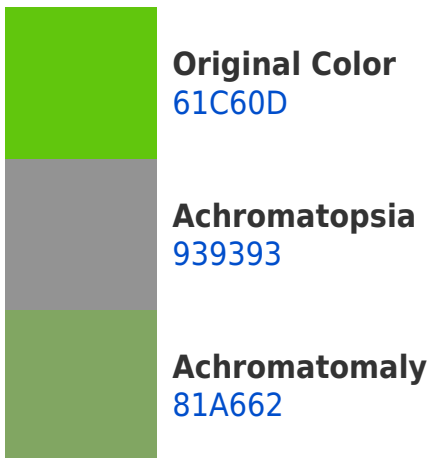


Tritanopia
7CB8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61C60D 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 #61C60D looks like.

```
.text, #text, p{  
    color:#61C60D  
}
```

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 #61C60D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61C60D
}
```

Border

The CSS property to change the border of an element to Hex 61C60D 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
#61C60D }
```

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

```
.border{ border-color:#61C60D }
```

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

Here you see how a box with a 4 pixel #61C60D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61C60D; -webkit-box-shadow:4px 4px  
4px 4px #61C60D; box-shadow:4px 4px 4px  
4px #61C60D }
```

Background

The CSS property to change the background color of an element to Hex 61C60D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61C60D }
```

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

```
.background{ background-color:#61C60D }
```

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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