

# Converting Colors

Hex(61E600)

Have a look what the booklet for  
Hex(61E600) contains.

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**Color**

**Hex(61E600)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61E600
RGB	97, 230, 0
RGB Percent	38%, 90%, 0%
CMY	0.6196, 0.0980, 1.0000
CMYK	0.58, 0.00, 1.00, 0.10
HSL	95°, 100%, 45%
HSV	95°, 100%, 90%
XYZ	33.2266, 59.1350, 9.6630
YIQ	164.0130, -5.4380, -99.7260

# Conversions

## Conversions Part 2

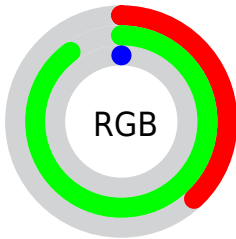
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 230, 133
Decimal	6415872
CIELab	81.37, -67.46, 78.66
CIELCh	81, 103.624, 130.614
Yxy	59.1350, 0.3257, 0.5796
Android (android.graphics.Color)	4284605952 (0xFF61E600)
YUV	164.0130, -80.8584, -58.7704
Hunter-Lab	76.8993, -57.4476, 46.3793

# Details

The Hex color **61E600** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **8500E6**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **A1FF58**, and **00AD00** is the 20% darker color. If you saturate the color by 10%, you get **61E600**, and if you desaturate by 10%, it is **6EE617**.

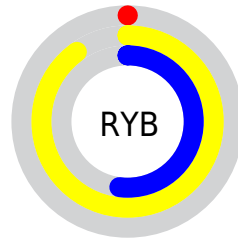
# Distribution



Red (38%)

Green (90%)

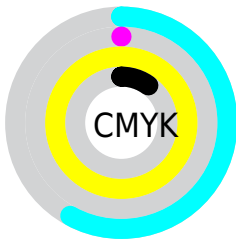
Blue (0%)



Red (0%)

Yellow (90%)

Blue (52%)

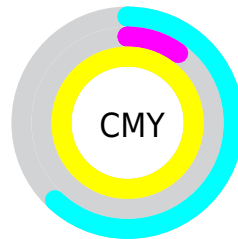


Cyan (58%)

Magenta (0%)

Yellow (100%)

Black (10%)



Cyan (62%)

Magenta (10%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61E600 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 61E600 by changing the saturation by 10% instead.



 61E600

 61E600


FFFFFF

 3CC900

 A1FF58

 00AD00

 C0FF76

 009200

 DFFF93

 007700

 FEFFB0

 005D00

 FFFFCE

 004300

 FFFFEC

 002B00

 000900

 000000

 61E600

 6EE617

 7CE62E

 89E645

 96E65C

 A3E673

 B1E68A

 BEE6A1

 CBE6B8

 D9E6CF

# Harmonies

## Analogous

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



D4D100



61E600



00F185

# Triad

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



61E600



00E6FF



FF51AC

# Complementary

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



61E600



8500E6

# 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.



FF67FF



61E600



00CBFF

# Square

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



61E600



00F2FF



F69EFF



FF7C4F

# Rectangle

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



61E600



00F4C9



F69EFF



FF50CD

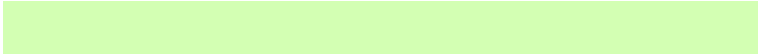


# Sweetspot

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



61E600



D3FFB3



E68200



658052



000000



808080



# Same Dimension

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



61E600



6CFF00



00E60F



6C7367



4BB300



163300



# Inverse Universe

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



8500E6



9300FF



E600D7



6E6773



6700B3

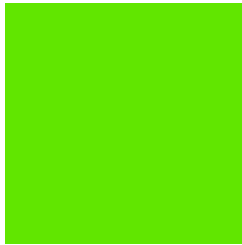


1D0033



# Previews

## White Background



This preview shows how the Hex color 61E600 looks on a white background.

## Color Contrast Check

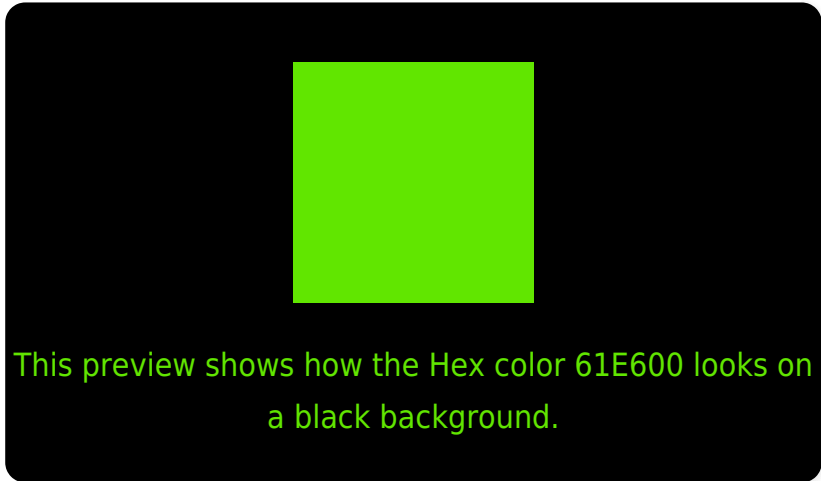
Large Text (above 18pt) WCAG AA × Fail

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 61E600 Background



This preview shows how black text looks on a background with the Hex color 61E600.

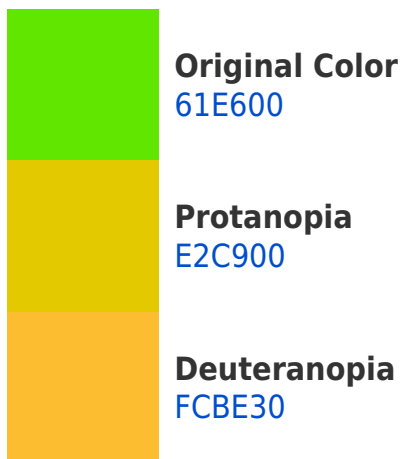


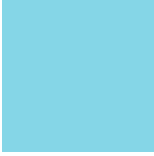
This preview shows how white text looks on a background with the Hex color 61E600.

# 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](#).

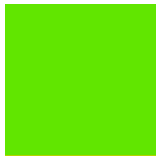
## Dichromacy





**Tritanopia**  
85D6E7

# Trichromacy



**Original Color**  
61E600



**Protanomaly**  
B3D400



**Deuteranomaly**  
C4CD1F

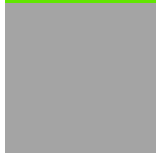


**Tritanomaly**  
78DC93

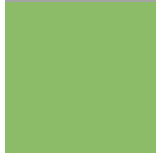
# Monochromacy



**Original Color**  
61E600



**Achromatopsia**  
A4A4A4



**Achromatomaly**  
8CBC68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61E600 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 #61E600 looks like.

```
.text, #text, p{  
    color:#61E600  
}
```

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 #61E600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61E600
}
```

## Border

The CSS property to change the border of an element to Hex 61E600 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
#61E600 }
```

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

```
.border{ border-color:#61E600 }
```

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

Here you see how a box with a 4 pixel #61E600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61E600; -webkit-box-shadow:4px 4px  
4px 4px #61E600; box-shadow:4px 4px 4px  
4px #61E600 }
```

# Background

The CSS property to change the background color of an element to Hex 61E600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61E600 }
```

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

```
.background{ background-color:#61E600 }
```

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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