

# Converting Colors

Hex(61ED00)

Have a look what the booklet for  
Hex(61ED00) contains.

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**Color**

**Hex(61ED00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61ED00
RGB	97, 237, 0
RGB Percent	38%, 93%, 0%
CMY	0.6196, 0.0706, 1.0000
CMYK	0.59, 0.00, 1.00, 0.07
HSL	95°, 100%, 46%
HSV	95°, 100%, 93%
XYZ	35.2140, 63.1098, 10.3254
YIQ	168.1220, -7.3630, -103.3870

# Conversions

## Conversions Part 2

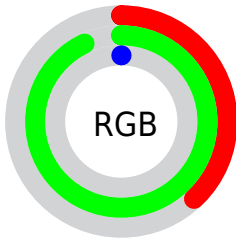
Format	Color
<b>RYB</b>	0, 237, 140
Decimal	6417664
CIELab	83.50, -69.77, 80.35
CIELCh	84, 106.412, 130.969
Yxy	63.1098, 0.3241, 0.5809
Android (android.graphics.Color)	4284607744 (0xFF61ED00)
YUV	168.1220, -82.8841, -62.3740
Hunter-Lab	79.4417, -59.8995, 47.9029

# Details

The Hex color **61ED00** 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 **8C00ED**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **A2FF59**, and **00B400** is the 20% darker color. If you saturate the color by 10%, you get **61ED00**, and if you desaturate by 10%, it is **6FED18**.

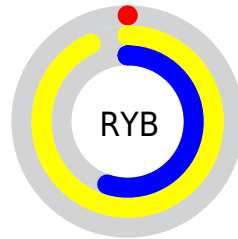
# Distribution



Red (38%)

Green (93%)

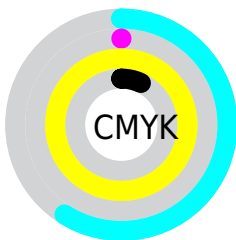
Blue (0%)



Red (0%)

Yellow (93%)

Blue (55%)

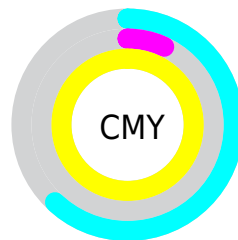


Cyan (59%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (62%)

Magenta (7%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61ED00 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 61ED00 by changing the saturation by 10% instead.



 61ED00

 61ED00


FFFFFF

 3BD000

 A2FF59

 00B400

 C1FF77

 009800

 E0FF95

 007D00

 FFFFB2

 006300

 FFFF00

 004900

 FFFFEE

 003100

 001500

 000000

 61ED00

 6FED18

 7DED2F

 8BED47

 99ED5F

 A7ED76

 B5ED8E

 C3EDA6

 D1EDBE

 DFEDD5

# Harmonies

## Analogous

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



D9D700



61ED00



00F88A

# Triad

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



61ED00



00EDFF



FF53B0

# Complementary

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



61ED00



8C00ED

# 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.



FF68FF



61ED00



00D1FF

# Square

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



61ED00



00F9FF



FFA2FF



FF804F

# Rectangle

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



61ED00



00FBD1



FFA2FF



FF51D1

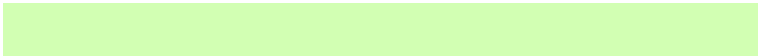


# Sweetspot

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



61ED00



D2FFB3



ED8A00



648052



000000



808080



# Same Dimension

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



61ED00



68FF00



00ED14



6E756A



4AB500



163600



# Inverse Universe

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



8C00ED



9700FF



ED00D9



706A75



6B00B5

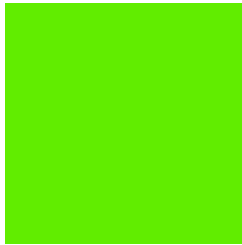


200036



# Previews

## White Background



This preview shows how the Hex color 61ED00 looks on a white background.

## Color Contrast Check

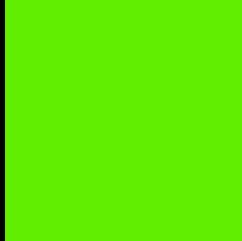
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 61ED00 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 ✓ Pass

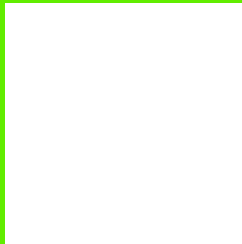
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 61ED00 Background



This preview shows how black text looks on a background with the Hex color 61ED00.

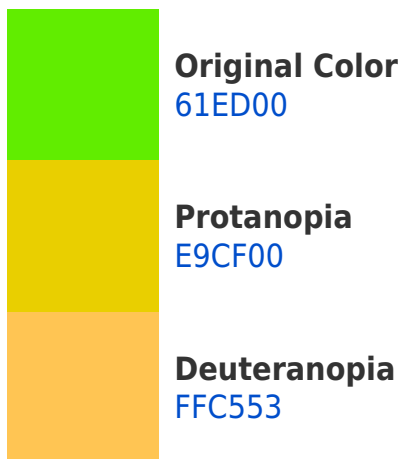


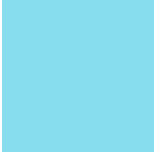
This preview shows how white text looks on a background with the Hex color 61ED00.

# 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](#).

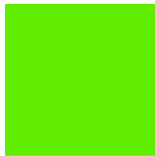
## Dichromacy





**Tritanopia**  
87DCEE

# Trichromacy



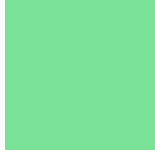
**Original Color**  
61ED00



**Protanomaly**  
B8DA00



**Deuteranomaly**  
C6D435

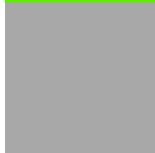


**Tritanomaly**  
79E297

# Monochromacy



**Original Color**  
61ED00



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
8EC16B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61ED00 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 #61ED00 looks like.

```
.text, #text, p{  
    color:#61ED00  
}
```

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 #61ED00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61ED00  
}
```

## Border

The CSS property to change the border of an element to Hex 61ED00 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  
#61ED00 }
```

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

```
.border{ border-color:#61ED00 }
```

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

Here you see how a box with a 4 pixel #61ED00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61ED00; -webkit-box-shadow:4px 4px  
4px 4px #61ED00; box-shadow:4px 4px 4px  
4px #61ED00 }
```

# Background

The CSS property to change the background color of an element to Hex 61ED00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61ED00 }
```

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

```
.background{ background-color:#61ED00 }
```

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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