

# Converting Colors

Hex(61FC61)

Have a look what the booklet for  
Hex(61FC61) contains.

<b>Hex(61FC61)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(61FC61)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61FC61
RGB	97, 252, 97
RGB Percent	38%, 99%, 38%
CMY	0.6196, 0.0118, 0.6196
CMYK	0.62, 0.00, 0.62, 0.01
HSL	120°, 96%, 68%
HSV	120°, 62%, 99%
XYZ	41.8978, 73.0253, 23.1963
YIQ	187.9850, -42.6250, -81.0650

# Conversions

## Conversions Part 2

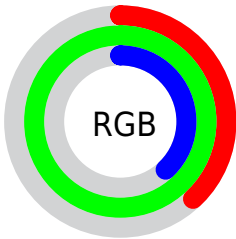
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 252, 252
Decimal	6421601
CIELab	88.46, -69.73, 60.65
CIELCh	88, 92.417, 138.981
Yxy	73.0253, 0.3033, 0.5287
Android (android.graphics.Color)	4284611681 (0xFF61FC61)
YUV	187.9850, -44.8556, -79.7938
Hunter-Lab	85.4548, -62.0288, 43.7244

# Details

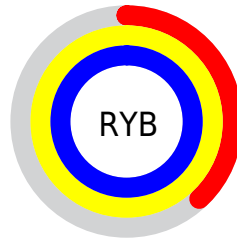
The Hex color **61FC61** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **FC61FC**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **A2FF98**, and **00C227** is the 20% darker color. If you saturate the color by 10%, you get **48FC48**, and if you desaturate by 10%, it is **7AFC7A**.

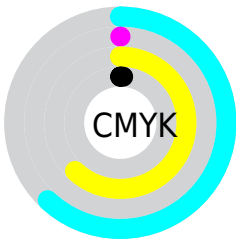
# Distribution



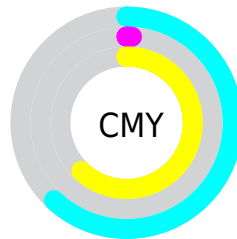
- Red (38%)
- Green (99%)
- Blue (38%)



- Red (38%)
- Yellow (99%)
- Blue (99%)



- Cyan (62%)
- Magenta (0%)
- Yellow (62%)
- Black (1%)



- Cyan (62%)
- Magenta (1%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61FC61 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 61FC61 by changing the saturation by 10% instead.



 61FC61

 61FC61

FFFFFF

 3BDF45

 A2FF98

 00C227

 C1FFB5

 00A600

 E0FFD1

 008B00

 FFFFEF

 007000

 005600

 003D00

 002400

 000000

 61FC61

 61FC61

 48FC48

 7AFC7A

 2FFC2F

 93FC93

 15FC15

 ADFCAD

 00FC00

 C6FCC6

 DFFCDF

 F8FCF8

 FFFCFF

# Harmonies

## Analogous

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



D3EB00



61FC61



00FFB9

# Triad

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



61FC61



00F2FF



FF87AA

# Complementary

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



61FC61



FC61FC

# 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.



FF88FF



61FC61



97D4FF

# Square

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



61FC61



00FFFF



FFACFF



FFA959

# Rectangle

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



61FC61



00FFF7



FFACFF



FF83C7

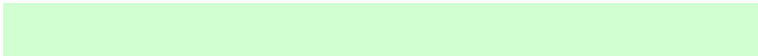


# Sweetspot

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



61FC61



D1FFD1



FCFC61



638063



000000



808080



# Same Dimension

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



61FC61



42FF42



61FCAF



707D70



00BD00



003D00



# Inverse Universe

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



FC61FC



FF42FF



FC61AF



7D707D



BD00BD

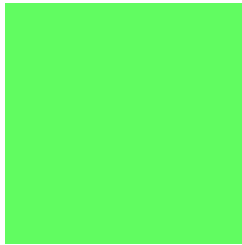


3D003D



# Previews

## White Background



This preview shows how the Hex color 61FC61 looks on a white background.

## Color Contrast Check

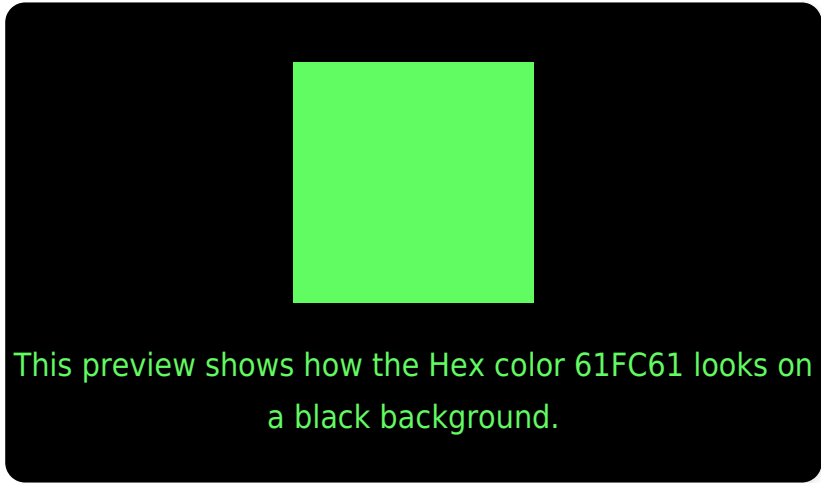
Large Text (above 18pt) WCAG AA × Fail

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

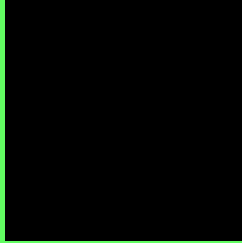
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

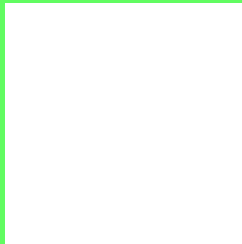
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 61FC61 Background



This preview shows how black text looks on a background with the Hex color 61FC61.

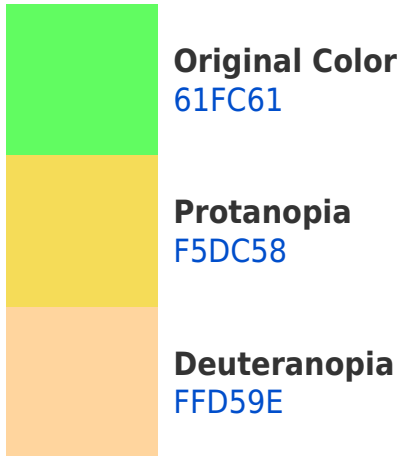


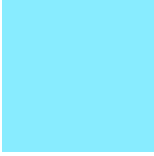
This preview shows how white text looks on a background with the Hex color 61FC61.

# 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](#).

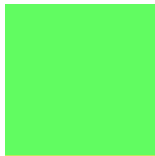
## Dichromacy



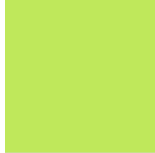


**Tritanopia**  
88ECFF

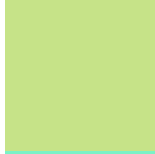
# Trichromacy



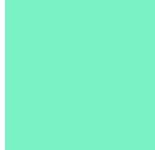
**Original Color**  
61FC61



**Protanomaly**  
BFE85B



**Deuteranomaly**  
C6E388

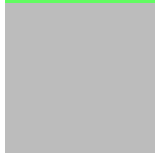


**Tritanomaly**  
7AF2C6

# Monochromacy



**Original Color**  
61FC61



**Achromatopsia**  
BCBCBC



**Achromatomaly**  
9BD39B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61FC61 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 #61FC61 looks like.

```
.text, #text, p{  
    color:#61FC61  
}
```

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 #61FC61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61FC61
}
```

## Border

The CSS property to change the border of an element to Hex 61FC61 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
#61FC61 }
```

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

```
.border{ border-color:#61FC61 }
```

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

Here you see how a box with a 4 pixel #61FC61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61FC61; -webkit-box-shadow:4px 4px  
4px 4px #61FC61; box-shadow:4px 4px 4px  
4px #61FC61 }
```

# Background

The CSS property to change the background color of an element to Hex 61FC61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61FC61 }
```

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

```
.background{ background-color:#61FC61 }
```

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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