

# Converting Colors

Hex(61FC5B)

Have a look what the booklet for  
Hex(61FC5B) contains.

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# Color

Hex(61FC5B)

# Conversions

## Conversions Part 1

Format	Color
Hex	61FC5B
RGB	97, 252, 91
RGB Percent	38%, 99%, 36%
CMY	0.6196, 0.0118, 0.6431
CMYK	0.62, 0.00, 0.64, 0.01
HSL	118°, 96%, 67%
HSV	118°, 64%, 99%
XYZ	41.6285, 72.9175, 21.7780
YIQ	187.3010, -40.6990, -82.9310

# Conversions

## Conversions Part 2

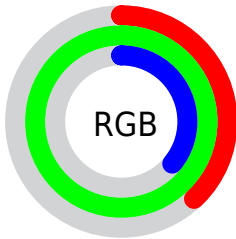
Format	Color
<a href="#">RYB</a>	<a href="#">91, 252, 246</a>
Decimal	<a href="#">6421595</a>
CIELab	<a href="#">88.41, -70.32, 63.05</a>
CIELCh	<a href="#">88, 94.451, 138.121</a>
Yxy	<a href="#">72.9175, 0.3054, 0.5349</a>
Android (android.graphics.Color)	<a href="#">4284611675 (0xFF61FC5B)</a>
YUV	<a href="#">187.3010, -47.4764, -79.1940</a>
Hunter-Lab	<a href="#">85.3918, -62.4168, 44.6531</a>

# Details

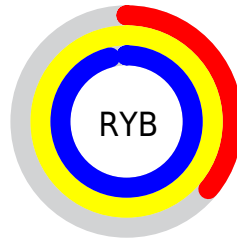
The Hex color **61FC5B** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **F65BFC**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **A2FF93**, and **00C21E** is the 20% darker color. If you saturate the color by 10%, you get **49FC42**, and if you desaturate by 10%, it is **79FC74**.

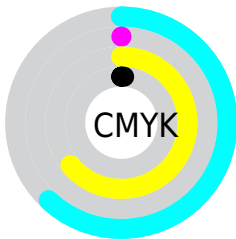
# Distribution



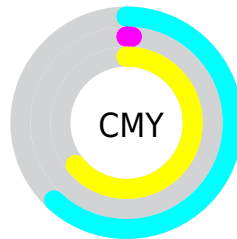
- Red (38%)
- Green (99%)
- Blue (36%)



- Red (36%)
- Yellow (99%)
- Blue (96%)



- Cyan (62%)
- Magenta (0%)
- Yellow (64%)
- Black (1%)



- Cyan (62%)
- Magenta (1%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61FC5B 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 61FC5B by changing the saturation by 10% instead.



 61FC5B

 61FC5B

FFFFFF

 3BDF3E

 A2FF93

 00C21E

 C1FFAF

 00A600

 E0FFCC

 008A00

 FFFFE9

 007000

 005600

 003D00

 002400

 000000

 61FC5B

 61FC5B

 49FC42

 79FC74

 30FC29

 92FC8D

 18FC0F

 AAFC A7

 09FC00

 C2FCC0

 DAFCD9

 F3FCF2

 FFFCFF

# Harmonies

## Analogous

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



D5EA00



61FC5B



00FFB6

# Triad

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



61FC5B



00F3FF



FF83AB

# Complementary

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



61FC5B



F65BFC

# 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.



FF86FF



61FC5B



8CD5FF

# Square

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



61FC5B



00FFFF



FFACFF



FFA658

# Rectangle

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



61FC5B



00FFF5



FFACFF



FF7FC9

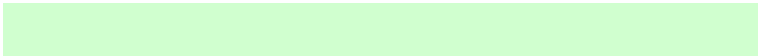


# Sweetspot

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



61FC5B



D0FFCF



FCF45B



638062



000000



808080



# Same Dimension

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



61FC5B



42FF3B



5BFCA3



717D70



07BD00



023D00



# Inverse Universe

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



F65BFC



F83BFF



FC5BB4



7C707D



B600BD

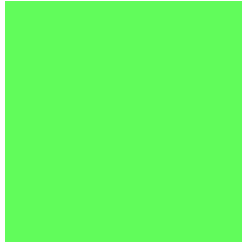


3B003D



# Previews

## White Background



This preview shows how the Hex color 61FC5B 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 61FC5B 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

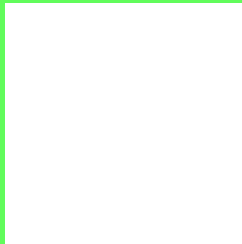
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 61FC5B Background



This preview shows how black text looks on a background with the Hex color 61FC5B.

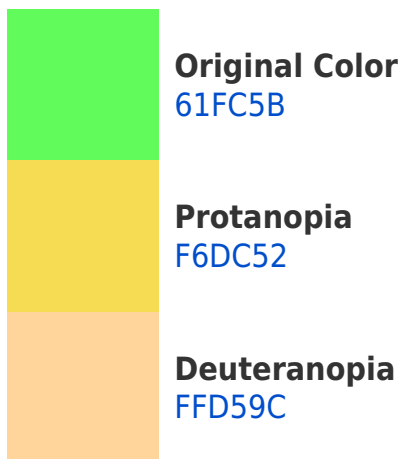


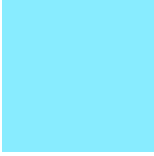
This preview shows how white text looks on a background with the Hex color 61FC5B.

# 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](#).

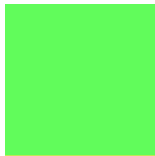
## Dichromacy





**Tritanopia**  
88ECFF

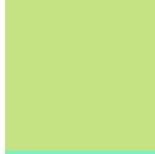
# Trichromacy



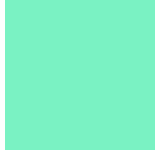
**Original Color**  
61FC5B



**Protanomaly**  
C0E855



**Deuteranomaly**  
C6E384

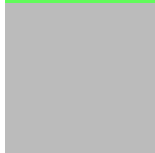


**Tritanomaly**  
7AF2C3

# Monochromacy



**Original Color**  
61FC5B



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
9AD398

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61FC5B 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 #61FC5B looks like.

```
.text, #text, p{  
    color:#61FC5B  
}
```

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 #61FC5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61FC5B
}
```

## Border

The CSS property to change the border of an element to Hex 61FC5B 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
#61FC5B }
```

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

```
.border{ border-color:#61FC5B }
```

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

Here you see how a box with a 4 pixel #61FC5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61FC5B; -webkit-box-shadow:4px 4px  
4px 4px #61FC5B; box-shadow:4px 4px 4px  
4px #61FC5B }
```

# Background

The CSS property to change the background color of an element to Hex 61FC5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61FC5B }
```

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

```
.background{ background-color:#61FC5B }
```

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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