

Converting Colors

Hex(61FF3C)

Have a look what the booklet for
Hex(61FF3C) contains.

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Color

Hex(61FF3C)

Conversions

Conversions Part 1

Format	Color
Hex	61FF3C
RGB	97, 255, 60
RGB Percent	38%, 100%, 24%
CMY	0.6196, 0.0000, 0.7647
CMYK	0.62, 0.00, 0.76, 0.00
HSL	109°, 100%, 62%
HSV	109°, 76%, 100%
XYZ	41.5054, 74.3876, 16.4457
YIQ	185.5280, -31.5730, -94.1410

Conversions

Conversions Part 2

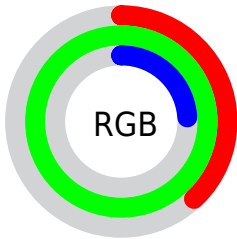
Format	Color
RYB	60, 255, 218
Decimal	6422332
CIELab	89.11, -73.70, 74.71
CIELCh	89, 104.943, 134.613
Yxy	74.3876, 0.3136, 0.5621
Android (android.graphics.Color)	4284612412 (0xFF61FF3C)
YUV	185.5280, -61.8853, -77.6391
Hunter-Lab	86.2483, -65.0347, 49.0685

Details

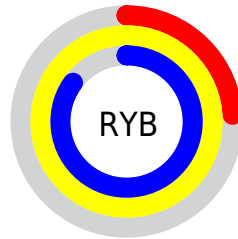
The Hex color **61FF3C** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **DA3CFF**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **A3FF79**, and **00C500** is the 20% darker color. If you saturate the color by 10%, you get **4CFF22**, and if you desaturate by 10%, it is **76FF56**.

Distribution



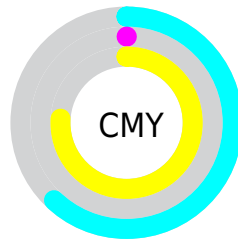
- Red (38%)
- Green (100%)
- Blue (24%)



- Red (24%)
- Yellow (100%)
- Blue (85%)



- Cyan (62%)
- Magenta (0%)
- Yellow (76%)
- Black (0%)



- Cyan (62%)
- Magenta (0%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61FF3C 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 61FF3C by changing the saturation by 10% instead.

 61FF3C

 61FF3C

FFFFFF

 39E212

 A3FF79

 00C500

 C3FF96

 00A900

 E2FFB3

 008D00

 FFFFD0

 007200

 FFFFEE

 005800

 003F00

 002600

 000000

 61FF3C

 61FF3C

 4CFF22

 76FF56

 38FF09

 8AFF6F

 30FF00

 9FFF89

 B4FFA2

 C8FFBC

 DDFFD5

 F2FFEF

FFFFFF

Harmonies

Analogous

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



DFEA00



61FF3C



00FFA7

Triad

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



61FF3C



00FAFF



FF6FB3

Complementary

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



61FF3C



DA3CFF

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.



FF79FF



61FF3C



38DBFF

Square

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



61FF3C



00FFFF



FFACFF



FF9954

Rectangle

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



61FF3C



00FFED



FFACFF



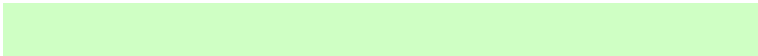
FF6BD5

Sweetspot

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



61FF3C



CFFFC4



FFD83C



63805C



000000



808080

Same Dimension

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



61FF3C



41FF14



3CFF77



758073



24BF00



0C4000

Inverse Universe

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



DA3CFF



D214FF



FF3CC5



7D7380



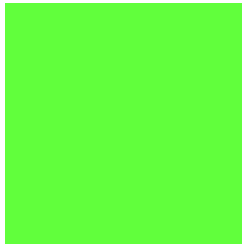
9B00BF



340040

Previews

White Background



This preview shows how the Hex color 61FF3C 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 61FF3C Background



This preview shows how black text looks on a background with the Hex color 61FF3C.

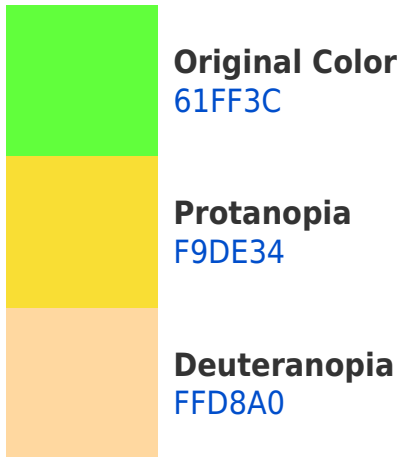


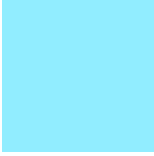
This preview shows how white text looks on a background with the Hex color 61FF3C.

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



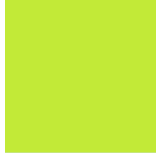


Tritanopia
91EDFF

Trichromacy



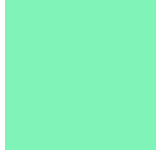
Original Color
61FF3C



Protanomaly
C2EA37

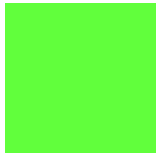


Deuteranomaly
C6E67C

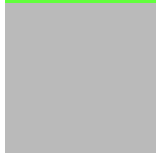


Tritanomaly
80F4B8

Monochromacy



Original Color
61FF3C



Achromatopsia
BABABA



Achromatomaly
9AD38C

CSS Examples

Text

The CSS property to change the color of the text to Hex 61FF3C 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 #61FF3C looks like.

```
.text, #text, p{  
    color:#61FF3C  
}
```

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 #61FF3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61FF3C
}
```

Border

The CSS property to change the border of an element to Hex 61FF3C 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
#61FF3C }
```

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

```
.border{ border-color:#61FF3C }
```

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

Here you see how a box with a 4 pixel #61FF3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61FF3C; -webkit-box-shadow:4px 4px  
4px 4px #61FF3C; box-shadow:4px 4px 4px  
4px #61FF3C }
```

Background

The CSS property to change the background color of an element to Hex 61FF3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61FF3C }
```

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

```
.background{ background-color:#61FF3C }
```

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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