

Converting Colors

Hex(61EF16)

Have a look what the booklet for
Hex(61EF16) contains.

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Color

Hex(61EF16)

Conversions

Conversions Part 1

Format	Color
Hex	61EF16
RGB	97, 239, 22
RGB Percent	38%, 94%, 9%
CMY	0.6196, 0.0627, 0.9137
CMYK	0.59, 0.00, 0.91, 0.06
HSL	99°, 87%, 51%
HSV	99°, 91%, 94%
XYZ	35.9411, 64.3323, 11.2821
YIQ	171.8040, -14.9750, -97.5910

Conversions

Conversions Part 2

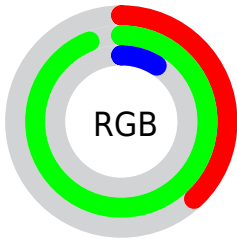
Format	Color
R_{YB}	22, 239, 164
Decimal	6418198
CIE _{Lab}	84.14, -70.07, 78.71
CIE _{LCh}	84, 105.381, 131.673
Yxy	64.3323, 0.3222, 0.5767
Android (android.graphics.Color)	4284608278 (0xFF61EF16)
YUV	171.8040, -73.8534, -65.6031
Hunter-Lab	80.2074, -60.3769, 47.8053

Details

The Hex color **61EF16** 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 **A416EF**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **A2FF60**, and **00B600** is the 20% darker color. If you saturate the color by 10%, you get **53EF00**, and if you desaturate by 10%, it is **71EF2E**.

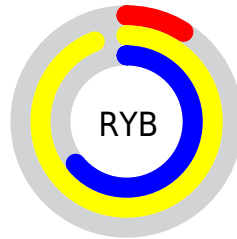
Distribution



Red (38%)

Green (94%)

Blue (9%)



Red (9%)

Yellow (94%)

Blue (64%)

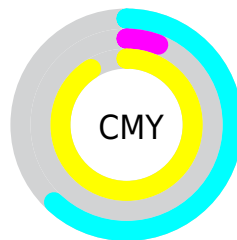


Cyan (59%)

Magenta (0%)

Yellow (91%)

Black (6%)



Cyan (62%)

Magenta (6%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61EF16 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 61EF16 by changing the saturation by 10% instead.

 61EF16

 61EF16

FFFFFF

 3BD200

 A2FF60

 00B600

 C1FF7D

 009A00

 E0FF9B

 007F00

 FFFFB8

 006400

 FFFFD6

 004B00

 FFFFF4

 003300

 001700

 000000

■ 61EF16

■ 61EF16

■ 53EF00

■ 71EF2E

■ 80EF46

■ 90EF5E

■ A0EF76

■ AFEF8D

■ BFEFA5

■ CEEFBD

■ DEEFD5

■ EEEFED

Harmonies

Analogous

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



D9DA00



61EF16



00FA8F

Triad

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



61EF16



00EEFF



FF59B0

Complementary

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



61EF16



A416EF

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.



FF6CFF



61EF16



00D1FF

Square

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



61EF16



00FBFF



FFA3FF



FF8550

Rectangle

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



61EF16



00FDD5



FFA3FF



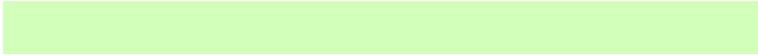
FF56D1

Sweetspot

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



61EF16



D2FFBA



EFA316



658057



000000



808080

Same Dimension

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



61EF16



58FF00



16EF37



70786C



3FB800



133800

Inverse Universe

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



A416EF



A700FF



EF16CE



746C78



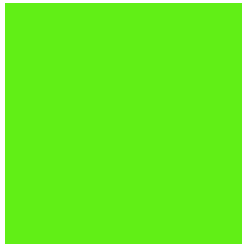
7800B8



250038

Previews

White Background



This preview shows how the Hex color 61EF16 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

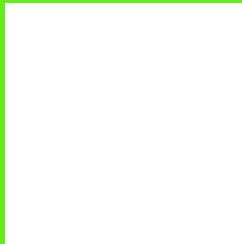
Any Text WCAG AAA ✓ Pass

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

Hex 61EF16 Background



This preview shows how black text looks on a background with the Hex color 61EF16.

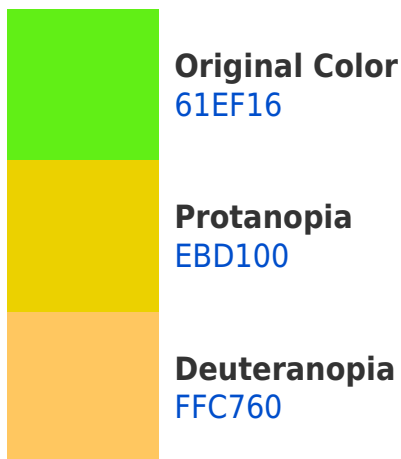


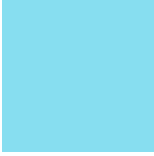
This preview shows how white text looks on a background with the Hex color 61EF16.

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](#).

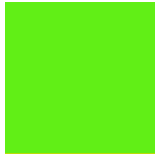
Dichromacy





Tritanopia
87DEF0

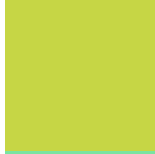
Trichromacy



Original Color
61EF16



Protanomaly
B9DC08

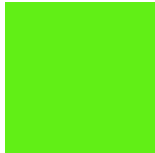


Deuteranomaly
C6D645



Tritanomaly
79E4A1

Monochromacy



Original Color
61EF16



Achromatopsia
ACACAC



Achromatomaly
91C475

CSS Examples

Text

The CSS property to change the color of the text to Hex 61EF16 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 #61EF16 looks like.

```
.text, #text, p{  
    color:#61EF16  
}
```

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 #61EF16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61EF16
}
```

Border

The CSS property to change the border of an element to Hex 61EF16 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
#61EF16 }
```

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

```
.border{ border-color:#61EF16 }
```

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

Here you see how a box with a 4 pixel #61EF16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61EF16; -webkit-box-shadow:4px 4px  
4px 4px #61EF16; box-shadow:4px 4px 4px  
4px #61EF16 }
```

Background

The CSS property to change the background color of an element to Hex 61EF16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61EF16 }
```

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

```
.background{ background-color:#61EF16 }
```

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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