

Converting Colors

Hex(61EFFF)

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

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Color

Hex(61EFFF)

Conversions

Conversions Part 1

Format	Color
Hex	61EFFF
RGB	97, 239, 255
RGB Percent	38%, 94%, 100%
CMY	0.6196, 0.0627, 0.0000
CMYK	0.62, 0.06, 0.00, 0.00
HSL	186°, 100%, 69%
HSV	186°, 62%, 100%
XYZ	53.8463, 71.4944, 105.5695
YIQ	198.3660, -89.7680, -25.1280

Conversions

Conversions Part 2

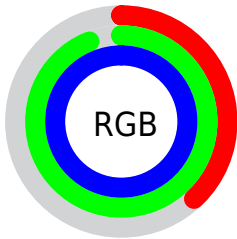
Format	Color
RYB	97, 172, 255
Decimal	6418431
CIELab	87.72, -33.37, -19.11
CIElCh	88, 38.454, 209.807
Yxy	71.4944, 0.2332, 0.3096
Android (android.graphics.Color)	4284608511 (0xFF61EFFF)
YUV	198.3660, 27.9206, -88.8980
Hunter-Lab	84.5544, -34.2970, -14.8379

Details

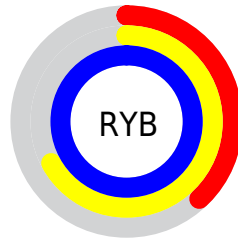
The Hex color **61EFFF** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FF7161**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **A2FFFF**, and **00B7C6** is the 20% darker color. If you saturate the color by 10%, you get **47ECFF**, and if you desaturate by 10%, it is **7AF2FF**.

Distribution



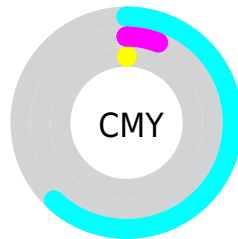
- Red (38%)
- Green (94%)
- Blue (100%)



- Red (38%)
- Yellow (67%)
- Blue (100%)



- Cyan (62%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 61EFFF

 61EFFF

FFFFFF

 3BD2E2

 A2FFFF

 00B7C6

 C1FFFF

 009BAB

 E0FFFF

 008190

 006777

 004F5E

 003746

 002430

 00011B

 61EFFF

 61EFFF

 47ECFF

 7AF2FF

 2EEAFF

 94F4FF

 14E7FF

 AEF7FF

 00E5FF

 C7F9FF

 E1FCFF

 FAFEFF

FFFFFF

Harmonies

Analogous

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



7AF0DA



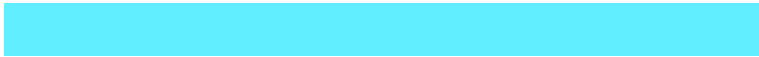
61EFFF



76E9FF

Triad

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



61EFFF



FFC7FF



F5DA93

Complementary

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



61EFFF



FF7161

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.



FFCD9E



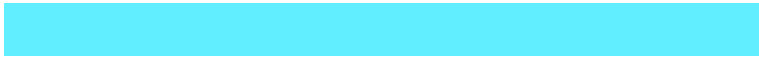
61EFFF



FFCODE

Square

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



61EFFF



E1D3FF



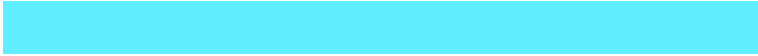
FFC3B9



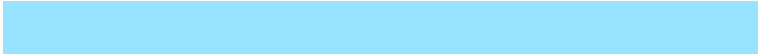
CFE59C

Rectangle

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



61EFFF



98E3FF



FFC3B9



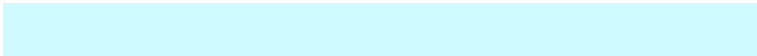
FFD594

Sweetspot

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



61EFFF



CFFAFF



61FF71



627D80



000000



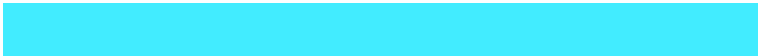
808080

Same Dimension

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



61EFFF



42ECFF



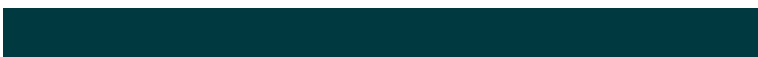
61A0FF



737E80



00ACBF



003940

Inverse Universe

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



FF61EF



FF42EC



FFC061



80737E



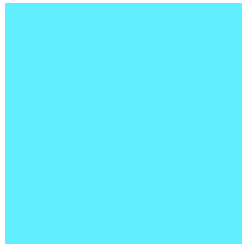
BF00AC



400039

Previews

White Background



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

Color Contrast Check

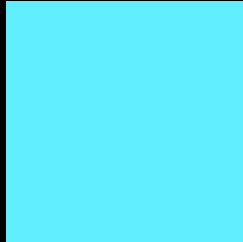
Large Text (above 18pt) WCAG AA × Fail

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 61EFFF 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 61EFFF Background



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

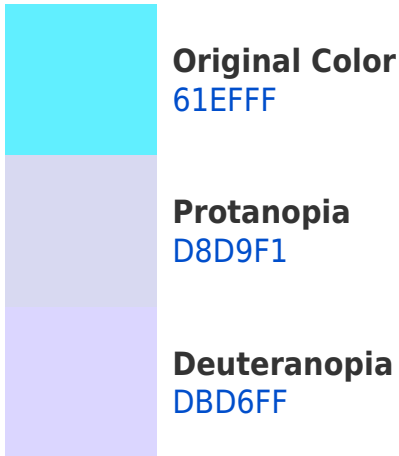


This preview shows how white text looks on a background with the Hex color 61EFFF.

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
72EDFF

Trichromacy



Original Color
61EFFF



Protanomaly
ADE1F6



Deuteranomaly
AFDFFF

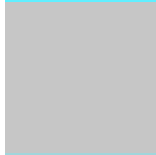


Tritanomaly
6CEEFF

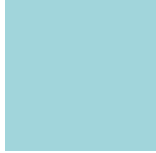
Monochromacy



Original Color
61EFFF



Achromatopsia
C6C6C6



Achromatomaly
A1D5DB

CSS Examples

Text

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

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

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 #61EFFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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