

Converting Colors

Hex(61EBFF)

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

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Color

Hex(61EBFF)

Conversions

Conversions Part 1

Format	Color
Hex	61EBFF
RGB	97, 235, 255
RGB Percent	38%, 92%, 100%
CMY	0.6196, 0.0784, 0.0000
CMYK	0.62, 0.08, 0.00, 0.00
HSL	188°, 100%, 69%
HSV	188°, 62%, 100%
XYZ	52.6881, 69.1780, 105.1835
YIQ	196.0180, -88.6680, -23.0360

Conversions

Conversions Part 2

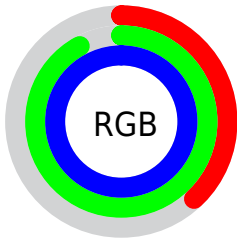
Format	Color
RYB	97, 171, 255
Decimal	6417407
CIELab	86.59, -31.47, -20.83
CIELCh	87, 37.739, 213.493
Yxy	69.1780, 0.2321, 0.3047
Android (android.graphics.Color)	4284607487 (0xFF61EBFF)
YUV	196.0180, 29.0781, -86.8388
Hunter-Lab	83.1733, -32.4784, -16.7586

Details

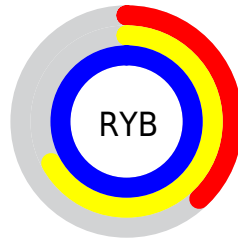
The Hex color **61EBFF** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FF7561**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **A2FFFF**, and **00B3C6** is the 20% darker color. If you saturate the color by 10%, you get **47E8FF**, and if you desaturate by 10%, it is **7AE EFF**.

Distribution



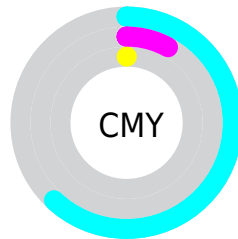
- Red (38%)
- Green (92%)
- Blue (100%)



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



- Cyan (62%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 61EBFF

 61EBFF

FFFFFF

 3BCFE2

 A2FFFF

 00B3C6

 C1FFFF

 0098AB

 E0FFFF

 007E90

 006477

 004C5E

 003446

 002130

 00011B

 61EBFF

 61EBFF

 47E8FF

 7AEFFF

 2EE5FF

 94F1FF

 14E1FF

 AEF5FF

 00DFFF

 C7F8FF

 E1FBFF

 FAFEFF

FFFFFF

Harmonies

Analogous

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



75ECDC



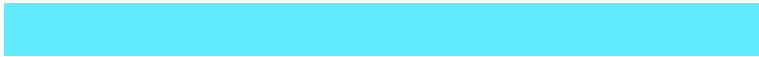
61EBFF



7BE5FF

Triad

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



61EBFF



FFC3F9



EED891

Complementary

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



61EBFF



FF7561

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.



FFCC9A



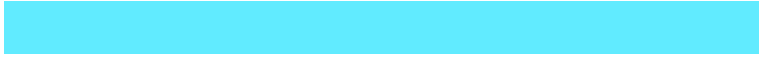
61EBFF



FFBED6

Square

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



61EBFF



E3CEFF



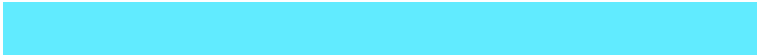
FFC1B3



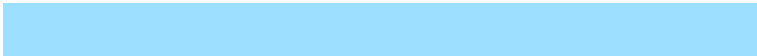
C7E29C

Rectangle

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



61EBFF



9DDFFF



FFC1B3



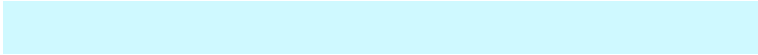
F9D492

Sweetspot

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



61EBFF



CFF9FF



61FF73



627C80



000000



808080

Same Dimension

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



61EBFF



42E7FF



619EFF



737E80



00A7BF



003840

Inverse Universe

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



FF61EB



FF42E7



FFC261



80737E



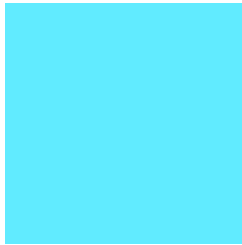
BF00A7



400038

Previews

White Background



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

Color Contrast Check

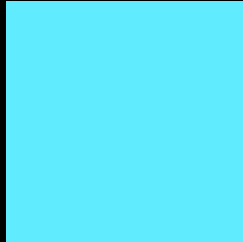
Large Text (above 18pt) WCAG AA × Fail

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 61EBFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

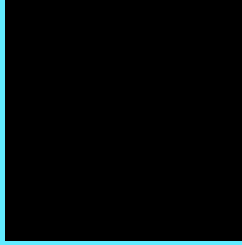
Any Text WCAG AA ✓ Pass

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 61EBFF Background



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

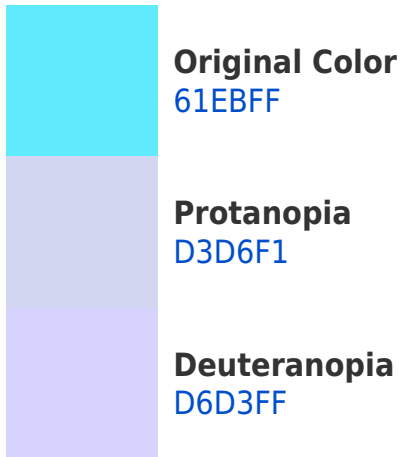


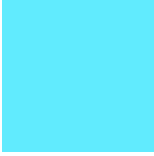
This preview shows how white text looks on a background with the Hex color 61EBFF.

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



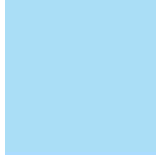


Tritanopia
61EBFE

Trichromacy



Original Color
61EBFF



Protanomaly
AADEF6



Deuteranomaly
ABDCFF

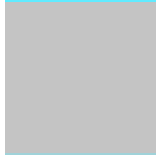


Tritanomaly
61EBFE

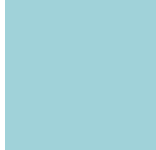
Monochromacy



Original Color
61EBFF



Achromatopsia
C4C4C4



Achromatomaly
A0D2D9

CSS Examples

Text

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

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

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 #61EBFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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