

Converting Colors

Hex(57EFFF)

Have a look what the booklet for
Hex(57EFFF) contains.

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Color

Hex(57EFFF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 57EFFF |
| RGB | 87, 239, 255 |
| RGB Percent | 34%, 94%, 100% |
| CMY | 0.6588, 0.0627, 0.0000 |
| CMYK | 0.66, 0.06, 0.00, 0.00 |
| HSL | 186°, 100%, 67% |
| HSV | 186°, 66%, 100% |
| XYZ | 52.8470, 70.9792, 105.5228 |
| YIQ | 195.3760, -95.7280, -27.2480 |

Conversions

Conversions Part 2

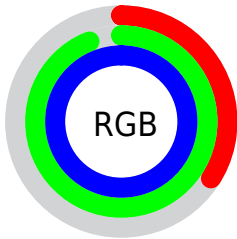
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 87, 167, 255 |
| Decimal | 5763071 |
| CIE _{Lab} | 87.47, -34.87, -19.52 |
| CIE _{LCh} | 87, 39.956, 209.238 |
| Yxy | 70.9792, 0.2304, 0.3095 |
| Android (android.graphics.Color) | 4283953151 (0xFF57EFFF) |
| YUV | 195.3760, 29.3946, -95.0458 |
| Hunter-Lab | 84.2492, -35.4684, -15.2868 |

Details

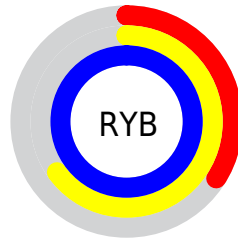
The Hex color **57EFFF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **FF6757**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **9BFFFF**, and **00B7C6** is the 20% darker color. If you saturate the color by 10%, you get **3EEDFF**, and if you desaturate by 10%, it is **71F1FF**.

Distribution



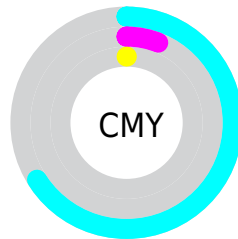
- Red (34%)
- Green (94%)
- Blue (100%)



- Red (34%)
- Yellow (65%)
- Blue (100%)



- Cyan (66%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57EFFF 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 57EFFF by changing the saturation by 10% instead.

 57EFFF

 57EFFF

FFFFFF

 2BD2E2

 9BFFFF

 00B7C6

 BAFFFF

 009BAB

 DAFFFF

 008190

 F9FFFF

 006777

 004F5E

 003746

 002330

 00011B

■ 57EFFF

■ 57EFFF

■ 3EEDFF

■ 71F1FF

■ 24EAFF

■ 8AF4FF

■ 0BE8FF

■ A4F6FF

■ 00E7FF

■ BDF9FF

■ D7FBFF

■ F0FEFF

FFFFFF

Harmonies

Analogous

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



75F0D9



57EFFF



6EE9FF

Triad

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



57EFFF



FFC5FF



F6D98F

Complementary

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



57EFFF



FF6757

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.



FFCC9B



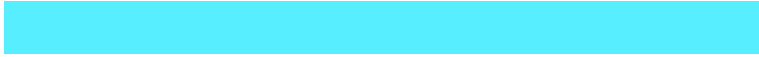
57EFFF



FFBFDE

Square

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



57EFFF



DFD2FF



FFC1B8



CEE498

Rectangle

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



57EFFF



92E3FF



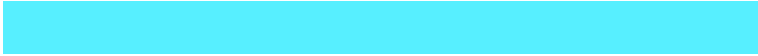
FFC1B8



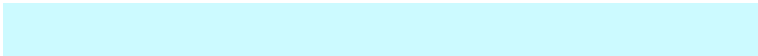
FFD491

Sweetspot

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



57EFFF



CCFAFF



57FF65



617D80



000000



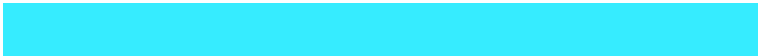
808080

Same Dimension

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



57EFFF



36ECFF



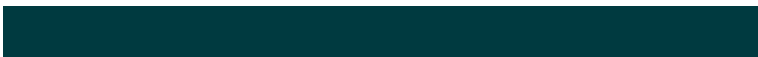
579DFF



737E80



00ADBFB



003A40

Inverse Universe

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



FF57EF



FF36EC



FFB957



80737E



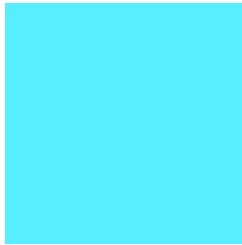
BF00AD



40003A

Previews

White Background



This preview shows how the Hex color 57EFFF looks on a white background.

Color Contrast Check

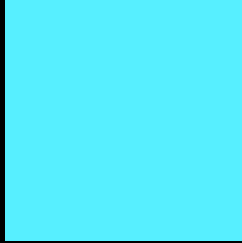
Large Text (above 18pt) WCAG AA × Fail

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 57EFFF 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 57EFFF Background



This preview shows how black text looks on a background with the Hex color 57EFFF.

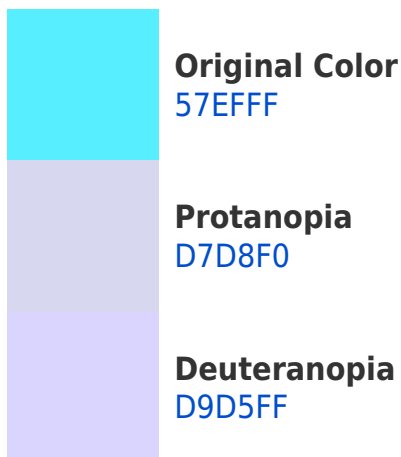


This preview shows how white text looks on a background with the Hex color 57EFFF.

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



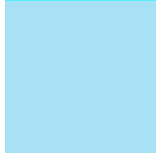


Tritanopia
6AEDFF

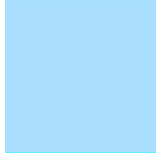
Trichromacy



Original Color
57EFFF



Protanomaly
A8E0F5

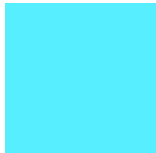


Deuteranomaly
AADEFF

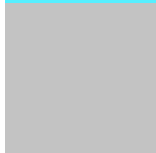


Tritanomaly
63EEFF

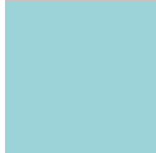
Monochromacy



Original Color
57EFFF



Achromatopsia
C3C3C3



Achromatomaly
9CD3D9

CSS Examples

Text

The CSS property to change the color of the text to Hex 57EFFF 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 #57EFFF looks like.

```
.text, #text, p{  
    color:#57EFFF  
}
```

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 #57EFFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57EFFF }  
}
```

Border

The CSS property to change the border of an element to Hex 57EFFF 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 #57EFFF }  
}
```

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

```
.border{ border-color:#57EFFF }
```

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

Here you see how a box with a 4 pixel #57EFFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57EFFF; -webkit-box-shadow:4px 4px  
4px 4px #57EFFF; box-shadow:4px 4px 4px  
4px #57EFFF }
```

Background

The CSS property to change the background color of an element to Hex 57EFFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57EFFF }
```

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

```
.background{ background-color:#57EFFF }
```

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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