

Converting Colors

Hex(69EFFF)

Have a look what the booklet for
Hex(69EFFF) contains.

Hex(69EFFF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(69EFFF)

Conversions

Conversions Part 1

Format	Color
Hex	69EFFF
RGB	105, 239, 255
RGB Percent	41%, 94%, 100%
CMY	0.5882, 0.0627, 0.0000
CMYK	0.59, 0.06, 0.00, 0.00
HSL	186°, 100%, 71%
HSV	186°, 59%, 100%
XYZ	54.7422, 71.9563, 105.6115
YIQ	200.7580, -85.0000, -23.4320

Conversions

Conversions Part 2

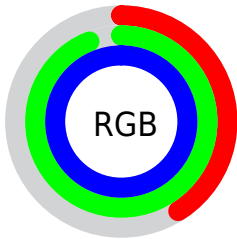
Format	Color
RYB	105, 176, 255
Decimal	6942719
CIELab	87.95, -32.05, -18.76
CIELCh	88, 37.131, 210.341
Yxy	71.9563, 0.2356, 0.3097
Android (android.graphics.Color)	4285132799 (0xFF69EFFF)
YUV	200.7580, 26.7413, -83.9798
Hunter-Lab	84.8270, -33.2543, -14.4384

Details

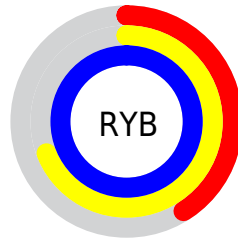
The Hex color **69EFFF** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FF7969**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **A8FFFF**, and **0FB7C6** is the 20% darker color. If you saturate the color by 10%, you get **50ECFF**, and if you desaturate by 10%, it is **83F2FF**.

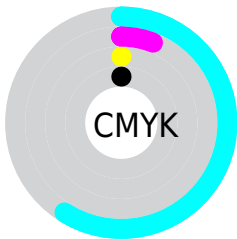
Distribution



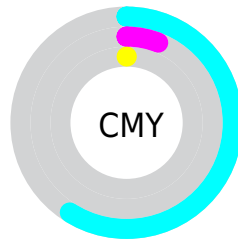
- Red (41%)
- Green (94%)
- Blue (100%)



- Red (41%)
- Yellow (69%)
- Blue (100%)



- Cyan (59%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (59%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 69EFFF 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 69EFFF by changing the saturation by 10% instead.

 69EFFF

 69EFFF

FFFFFF

 46D2E2

 A8FFFF

 0FB7C6

 C7FFFF

 009BAB

 E6FFFF

 008190

 006877

 004F5E

 003746

 002330

 00011B

 69EFFF

 69EFFF

 50ECFF

 83F2FF

 36EAFF

 9CF4FF

 1CE7FF

 B5F7FF

 03E4FF

 CFFAFF

 00E4FF

 E9FDFF

FFFFFF

Harmonies

Analogous

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



7FF0DC



69EFFF



7DE9FF

Triad

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



69EFFF



FFC8FF



F5DA96

Complementary

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



69EFFF



FF7969

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.



FFCEA0



69EFFF



FFC2DD

Square

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



69EFFF



E2D3FF



FFC5BB



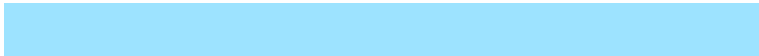
CFE59F

Rectangle

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



69EFFF



9DE3FF



FFC5BB



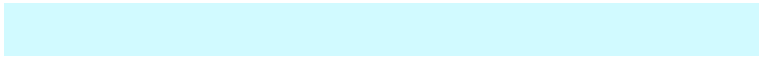
FFD697

Sweetspot

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



69EFFF



D1FAFF



69FF78



637D80



000000



808080

Same Dimension

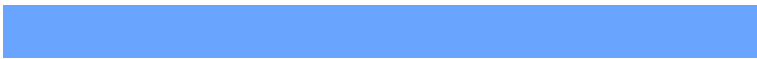
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69EFFF



4AECFF



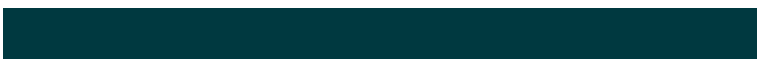
69A5FF



737E80



00ABBF



003940

Inverse Universe

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



FF69EF



FF4AEC



FFC369



80737E



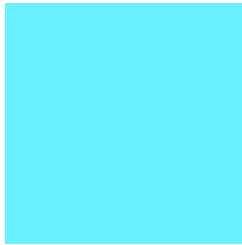
BF00AB



400039

Previews

White Background



This preview shows how the Hex color 69EFFF looks on a white background.

Color Contrast Check

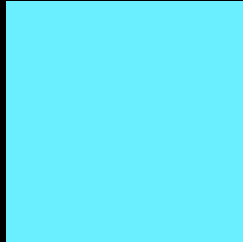
Large Text (above 18pt) WCAG AA × Fail

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 69EFFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

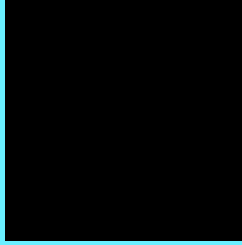
Any Text WCAG AA ✓ Pass

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 69EFFF Background



This preview shows how black text looks on a background with the Hex color 69EFFF.

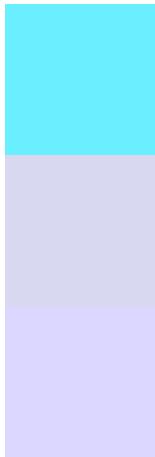


This preview shows how white text looks on a background with the Hex color 69EFFF.

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](#).

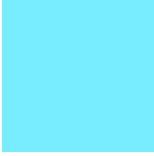
Dichromacy



Original Color
69EFFF

Protanopia
D8D9F1

Deuteranopia
DCD7FF

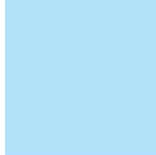


Tritanopia
78EDFF

Trichromacy



Original Color
69EFFF



Protanomaly
B0E1F6



Deuteranomaly
B2E0FF

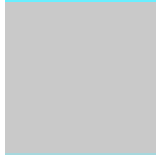


Tritanomaly
73EEFF

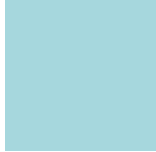
Monochromacy



Original Color
69EFFF



Achromatopsia
C9C9C9



Achromatomaly
A6D7DD

CSS Examples

Text

The CSS property to change the color of the text to Hex 69EFFF 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 #69EFFF looks like.

```
.text, #text, p{  
    color:#69EFFF  
}
```

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 #69EFFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69EFFF
}
```

Border

The CSS property to change the border of an element to Hex 69EFFF 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
#69EFFF }
```

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

```
.border{ border-color:#69EFFF }
```

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

Here you see how a box with a 4 pixel #69EFFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69EFFF; -webkit-box-shadow:4px 4px  
4px 4px #69EFFF; box-shadow:4px 4px 4px  
4px #69EFFF }
```

Background

The CSS property to change the background color of an element to Hex 69EFFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69EFFF }
```

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

```
.background{ background-color:#69EFFF }
```

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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