

Converting Colors

Hex(66ECFF)

Have a look what the booklet for
Hex(66ECFF) contains.

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Color

Hex(66ECFF)

Conversions

Conversions Part 1

Format	Color
Hex	66ECFF
RGB	102, 236, 255
RGB Percent	40%, 93%, 100%
CMY	0.6000, 0.0745, 0.0000
CMYK	0.60, 0.07, 0.00, 0.00
HSL	187°, 100%, 70%
HSV	187°, 60%, 100%
XYZ	53.5249, 70.0357, 105.3049
YIQ	198.1000, -85.9630, -22.4990

Conversions

Conversions Part 2

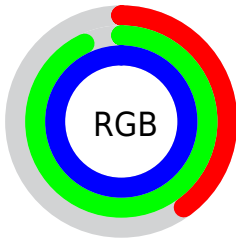
Format	Color
RYB	102, 173, 255
Decimal	6745343
CIELab	87.01, -31.13, -20.17
CIELCh	87, 37.095, 212.946
Yxy	70.0357, 0.2339, 0.3060
Android (android.graphics.Color)	4284935423 (0xFF66ECFF)
YUV	198.1000, 28.0517, -84.2797
Hunter-Lab	83.6873, -32.2874, -16.0243

Details

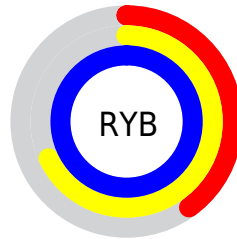
The Hex color **66ECFF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF7966**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **A6FFFF**, and **01B4C6** is the 20% darker color. If you saturate the color by 10%, you get **4DE9FF**, and if you desaturate by 10%, it is **80EFFF**.

Distribution



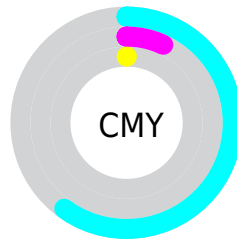
- Red (40%)
- Green (93%)
- Blue (100%)



- Red (40%)
- Yellow (68%)
- Blue (100%)



- Cyan (60%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66ECFF 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 66ECFF by changing the saturation by 10% instead.

 66ECFF

 66ECFF

FFFFFF

 42D0E2

 A6FFFF

 01B4C6

 C5FFFF

 0099AB

 E4FFFF

 007E90

 006577

 004D5E

 003546

 002230

 00011B

 66ECFF

 66ECFF

 4DE9FF

 80EFFF

 33E6FF

 99F2FF

 19E3FF

 B3F6FF

 00DFFF

 CCF9FF

 E6FCFF

FFFFFF

Harmonies

Analogous

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



79EDDC



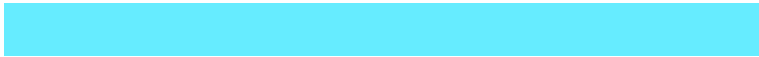
66ECFF



7EE6FF

Triad

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



66ECFF



FFC5FB



EFD993

Complementary

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



66ECFF



FF7966

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.



FFCD9C



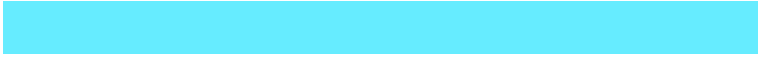
66ECFF



FFC0D8

Square

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



66ECFF



E3D0FF



FFC3B5



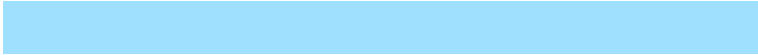
C9E39E

Rectangle

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



66ECFF



9FE0FF



FFC3B5



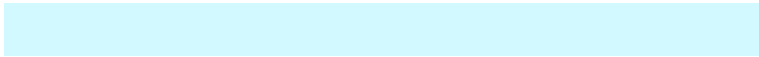
FAD594

Sweetspot

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



66ECFF



D1F9FF



66FF78



637C80



000000



808080

Same Dimension

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



66ECFF



47E8FF



66A1FF



737E80



00A8BF



003840

Inverse Universe

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



FF66EC



FF47E8



FFC466



80737E



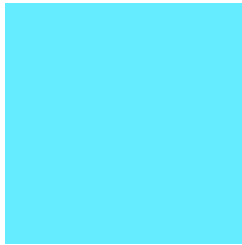
BF00A8



400038

Previews

White Background



This preview shows how the Hex color 66ECFF looks on a white background.

Color Contrast Check

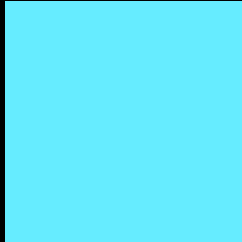
Large Text (above 18pt) WCAG AA × Fail

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 66ECFF 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 66ECFF Background



This preview shows how black text looks on a background with the Hex color 66ECFF.

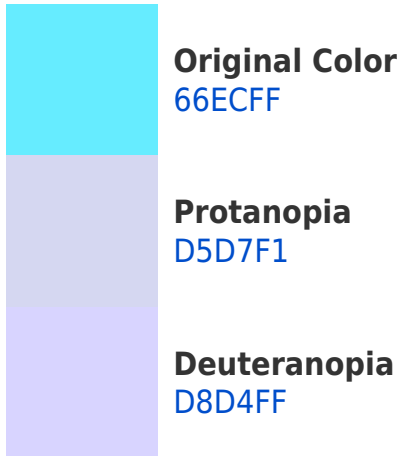


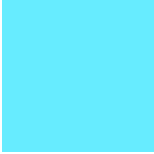
This preview shows how white text looks on a background with the Hex color 66ECFF.

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
67ECFF

Trichromacy



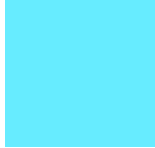
Original Color
66ECFF



Protanomaly
ADDF6



Deuteranomaly
AFDDFF

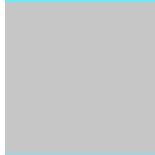


Tritanomaly
67ECFF

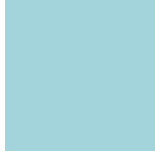
Monochromacy



Original Color
66ECFF



Achromatopsia
C6C6C6



Achromatomaly
A3D4DB

CSS Examples

Text

The CSS property to change the color of the text to Hex 66ECFF 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 #66ECFF looks like.

```
.text, #text, p{  
    color:#66ECFF  
}
```

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 #66ECFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66ECFF
}
```

Border

The CSS property to change the border of an element to Hex 66ECFF 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
#66ECFF }
```

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

```
.border{ border-color:#66ECFF }
```

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

Here you see how a box with a 4 pixel #66ECFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66ECFF; -webkit-box-shadow:4px 4px  
4px 4px #66ECFF; box-shadow:4px 4px 4px  
4px #66ECFF }
```

Background

The CSS property to change the background color of an element to Hex 66ECFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66ECFF }
```

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

```
.background{ background-color:#66ECFF }
```

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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