

Converting Colors

Hex(66EFFE)

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

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Color

Hex(66EFFE)

Conversions

Conversions Part 1

Format	Color
Hex	66EFFE
RGB	102, 239, 254
RGB Percent	40%, 94%, 100%
CMY	0.6000, 0.0627, 0.0039
CMYK	0.60, 0.06, 0.00, 0.00
HSL	186°, 99%, 70%
HSV	186°, 60%, 100%
XYZ	54.2354, 71.7135, 104.7495
YIQ	199.7470, -86.4670, -24.3790

Conversions

Conversions Part 2

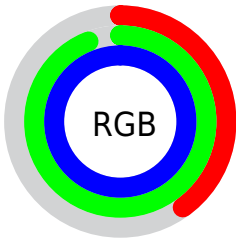
Format	Color
RYB	102, 174, 254
Decimal	6746110
CIELab	87.83, -32.83, -18.42
CIELCh	88, 37.643, 209.294
Yxy	71.7135, 0.2351, 0.3109
Android (android.graphics.Color)	4284936190 (0xFF66EFFE)
YUV	199.7470, 26.7467, -85.7241
Hunter-Lab	84.6838, -33.8772, -14.0600

Details

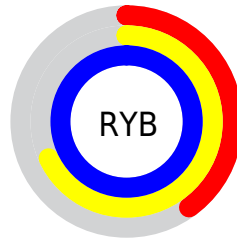
The Hex color **66EFFE** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FE7566**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **A6FFFF**, and **00B7C5** is the 20% darker color. If you saturate the color by 10%, you get **4DECFE**, and if you desaturate by 10%, it is **7FF2FE**.

Distribution



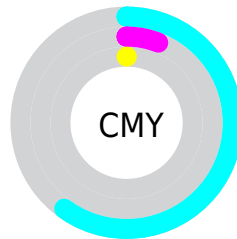
- Red (40%)
- Green (94%)
- Blue (100%)



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



- Cyan (60%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 66EFFE

 66EFFE

FFFFFF

 42D2E1

 A6FFFF

 00B7C5

 C5FFFF

 009BAA

 E4FFFF

 008190

 006776

 004F5D

 003746

 00242F

 00011B

 66EFFE

 66EFFE

 4DECFE

 7FF2FE

 33EAFE

 99F4FE

 1AE7FE

 B2F7FE

 00E5FE

 CCF9FE

 E5FCFE

 FEFEFE

 FFFFE

Harmonies

Analogous

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



7EF0DA



66EFFE



7AEAFF

Triad

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



66EFFE



FFC8FF



F6DA94

Complementary

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



66EFFE



FE7566

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.



FFCDA0



66EFFE



FFC2DE

Square

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



66EFFE



E0D3FF



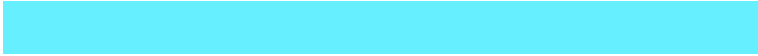
FFC4BB



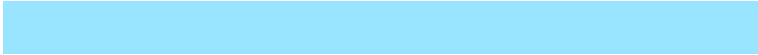
D0E59D

Rectangle

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



66EFFE



99E4FF



FFC4BB



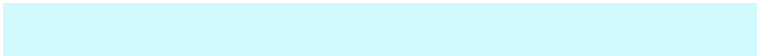
FFD696

Sweetspot

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



66EFFE



D1FAFF



66FE73



637D80



000000



808080

Same Dimension

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



66EFFE



47EDFF



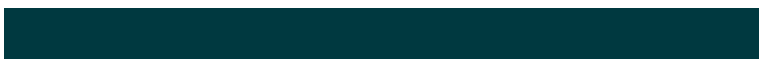
66A5FE



737E80



00ACBF



003940

Inverse Universe

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



FE66EF



FF47ED



FEBF66



80737E



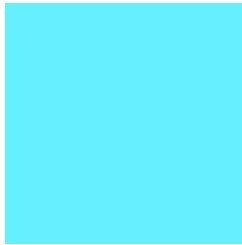
BF00AC



400039

Previews

White Background



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

Color Contrast Check

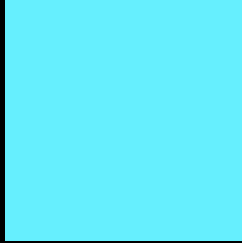
Large Text (above 18pt) WCAG AA × Fail

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 66EFFE 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 66EFFE Background



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

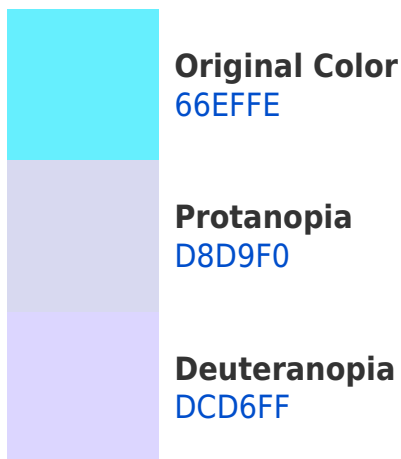


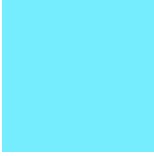
This preview shows how white text looks on a background with the Hex color 66EFFE.

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





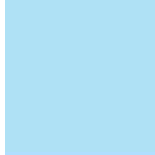
Tritanopia
75EDFF

Trichromacy



Original Color

66EFFE



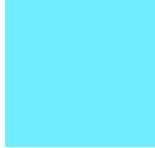
Protanomaly

AFE1F5



Deuteranomaly

B1DFFF



Tritanomaly

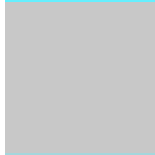
70EEFF

Monochromacy



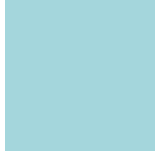
Original Color

66EFFE



Achromatopsia

C8C8C8



Achromatomaly

A4D6DC

CSS Examples

Text

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

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

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 #66EFFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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