

Converting Colors

Hex(6EF1FF)

Have a look what the booklet for
Hex(6EF1FF) contains.

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Color

Hex(6EF1FF)

Conversions

Conversions Part 1

Format	Color
Hex	6EF1FF
RGB	110, 241, 255
RGB Percent	43%, 95%, 100%
CMY	0.5686, 0.0549, 0.0000
CMYK	0.57, 0.05, 0.00, 0.00
HSL	186°, 100%, 72%
HSV	186°, 57%, 100%
XYZ	55.9357, 73.4456, 105.8360
YIQ	203.4270, -82.5700, -23.4180

Conversions

Conversions Part 2

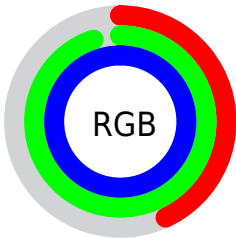
Format	Color
RYB	110, 179, 255
Decimal	7270911
CIELab	88.66, -32.11, -17.67
CIElCh	89, 36.654, 208.819
Yxy	73.4456, 0.2378, 0.3122
Android (android.graphics.Color)	4285460991 (0xFF6EF1FF)
YUV	203.4270, 25.4255, -81.9355
Hunter-Lab	85.7004, -33.4707, -13.2301

Details

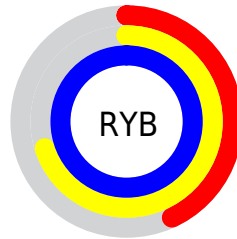
The Hex color **6EF1FF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF7C6E**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **ADFFFF**, and **1EB9C6** is the 20% darker color. If you saturate the color by 10%, you get **55EFFF**, and if you desaturate by 10%, it is **88F3FF**.

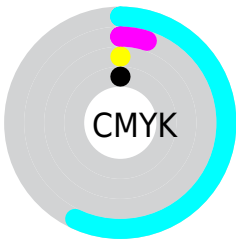
Distribution



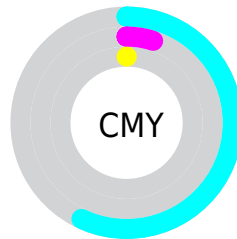
- Red (43%)
- Green (95%)
- Blue (100%)



- Red (43%)
- Yellow (70%)
- Blue (100%)



- Cyan (57%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EF1FF 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 6EF1FF by changing the saturation by 10% instead.

 6EF1FF

 6EF1FF

FFFFFF

 4CD4E2


 ADFFFF

 1EB9C6

 CBFFFF

 009DAB

 EAFFFF

 008390

 006977

 00515E

 003946

 002430

 00011C

 6EF1FF

 6EF1FF

 55EFFF

 88F3FF

 3BECFF

 A1F6FF

 21E AFF

 BBF8FF

 08E7FF

 D4FBFF

 00E6FF

 EEFDFF

FFFFFF

Harmonies

Analogous

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



84F2DC



6EF1FF



80ECFF

Triad

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



6EF1FF



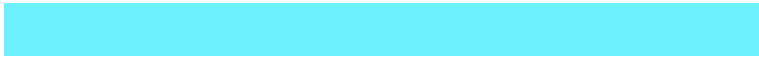
FFCBFF



F8DC99

Complementary

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



6EF1FF



FF7C6E

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.



FFD0A4



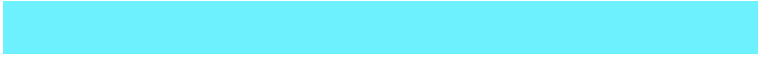
6EF1FF



FFC5E1

Square

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



6EF1FF



E2D6FF



FFC7BF



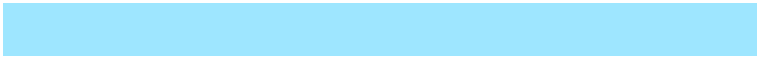
D4E7A1

Rectangle

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



6EF1FF



9EE6FF



FFC7BF



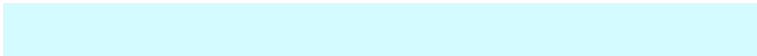
FFD89A

Sweetspot

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



6EF1FF



D4FBFF



6EFF7A



667D80



000000



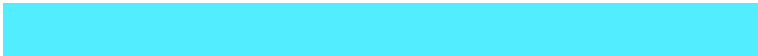
808080

Same Dimension

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



6EF1FF



52EEFF



6EAAFF



737E80



00ADBFB



003A40

Inverse Universe

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



FF6EF1



FF52EE



FFC36E



80737E



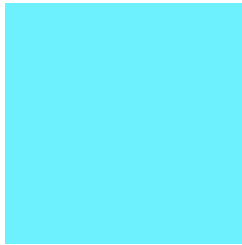
BF00AD



40003A

Previews

White Background



This preview shows how the Hex color 6EF1FF looks on a white background.

Color Contrast Check

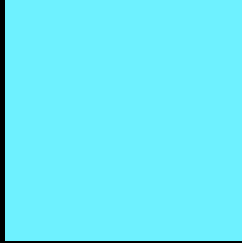
Large Text (above 18pt) WCAG AA × Fail

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 6EF1FF 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 6EF1FF Background



This preview shows how black text looks on a background with the Hex color 6EF1FF.

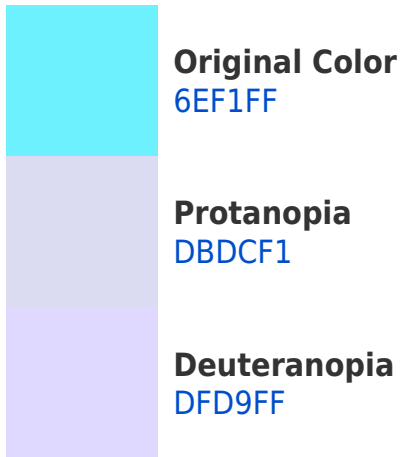


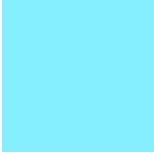
This preview shows how white text looks on a background with the Hex color 6EF1FF.

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



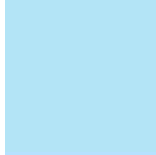


Tritanopia
85EEFF

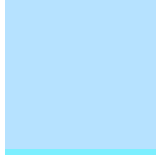
Trichromacy



Original Color
6EF1FF



Protanomaly
B3E4F6



Deuteranomaly
B6E2FF

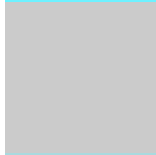


Tritanomaly
7DEFFF

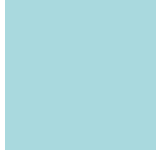
Monochromacy



Original Color
6EF1FF



Achromatopsia
CBCBCB



Achromatomaly
A9D9DE

CSS Examples

Text

The CSS property to change the color of the text to Hex 6EF1FF 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 #6EF1FF looks like.

```
.text, #text, p{  
    color:#6EF1FF  
}
```

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 #6EF1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EF1FF }  
}
```

Border

The CSS property to change the border of an element to Hex 6EF1FF 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 #6EF1FF }  
}
```

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

```
.border{ border-color:#6EF1FF }
```

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

Here you see how a box with a 4 pixel #6EF1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EF1FF; -webkit-box-shadow:4px 4px  
4px 4px #6EF1FF; box-shadow:4px 4px 4px  
4px #6EF1FF }
```

Background

The CSS property to change the background color of an element to Hex 6EF1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EF1FF }
```

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

```
.background{ background-color:#6EF1FF }
```

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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