

Converting Colors

Hex(6EE3FF)

Have a look what the booklet for
Hex(6EE3FF) contains.

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Color

Hex(6EE3FF)

Conversions

Conversions Part 1

Format	Color
Hex	6EE3FF
RGB	110, 227, 255
RGB Percent	43%, 89%, 100%
CMY	0.5686, 0.1098, 0.0000
CMYK	0.57, 0.11, 0.00, 0.00
HSL	192°, 100%, 72%
HSV	192°, 57%, 100%
XYZ	51.9495, 65.4732, 104.5073
YIQ	195.2090, -78.7200, -16.0960

Conversions

Conversions Part 2

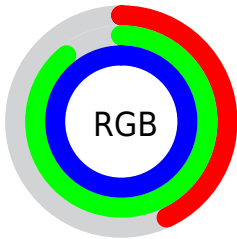
Format	Color
RYB	110, 175, 255
Decimal	7267327
CIELab	84.73, -25.36, -23.62
CIElCh	85, 34.655, 222.960
Yxy	65.4732, 0.2341, 0.2950
Android (android.graphics.Color)	4285457407 (0xFF6EE3FF)
YUV	195.2090, 29.4770, -74.7283
Hunter-Lab	80.9155, -27.0013, -19.9358

Details

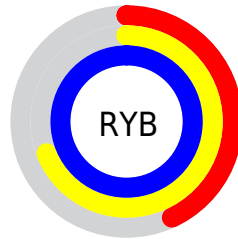
The Hex color **6EE3FF** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **FF8A6E**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **ACFFFF**, and **22ABC6** is the 20% darker color. If you saturate the color by 10%, you get **55DEFF**, and if you desaturate by 10%, it is **88E8FF**.

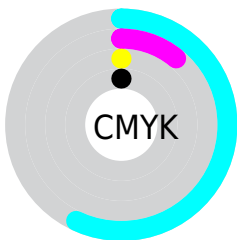
Distribution



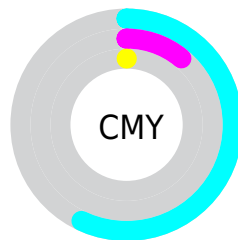
- Red (43%)
- Green (89%)
- Blue (100%)



- Red (43%)
- Yellow (69%)
- Blue (100%)



- Cyan (57%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EE3FF 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 6EE3FF by changing the saturation by 10% instead.

 6EE3FF

 6EE3FF

FFFFFF

 4DC7E2

 ACFFFF

 22ABC6

 CAFFFF

 0091AB

 E9FFFF

 007790

 005E77

 00465E

 002F46

 001B30

 00011B

 6EE3FF

 6EE3FF

 55DEFF


 88E8FF

 3BD9FF

 A1EDFF

 21D4FF

 BBF2FF

 08CFFF

 D4F7FF

 00CEFF

 EEFCFF

FFFFFF

Harmonies

Analogous

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



73E6E1



6EE3FF



8EDCFF

Triad

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



6EE3FF



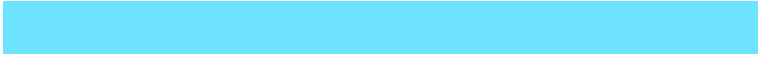
FFBDE8



DCD693

Complementary

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



6EE3FF



FF8A6E

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.



FBCB96



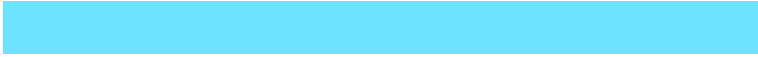
6EE3FF



FFBBC6

Square

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



6EE3FF



EAC6FF



FFC1A8



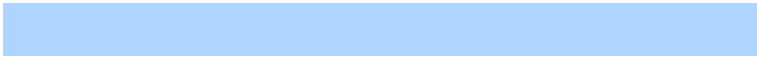
B8DFA3

Rectangle

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



6EE3FF



AED5FF



FFC1A8



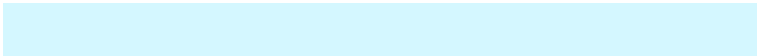
E7D292

Sweetspot

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



6EE3FF



D4F7FF



6EFF89



667B80



000000



808080

Same Dimension

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



6EE3FF



52DEFF



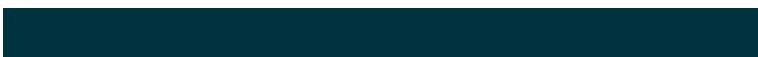
6E9CFF



737D80



009ABF



003340

Inverse Universe

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



FF6EE3



FF52DE



FFD16E



80737D



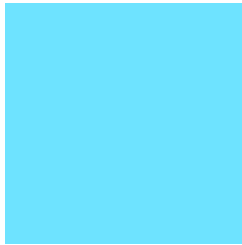
BF009A



400033

Previews

White Background



This preview shows how the Hex color 6EE3FF looks on a white background.

Color Contrast Check

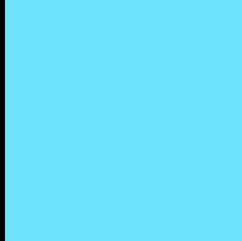
Large Text (above 18pt) WCAG AA × Fail

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 6EE3FF 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 6EE3FF Background



This preview shows how black text looks on a background with the Hex color 6EE3FF.

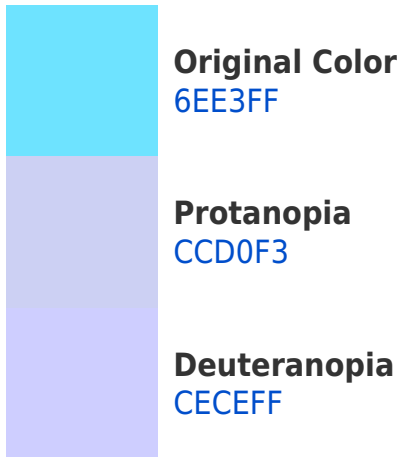


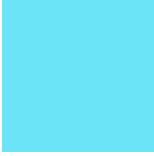
This preview shows how white text looks on a background with the Hex color 6EE3FF.

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](#).

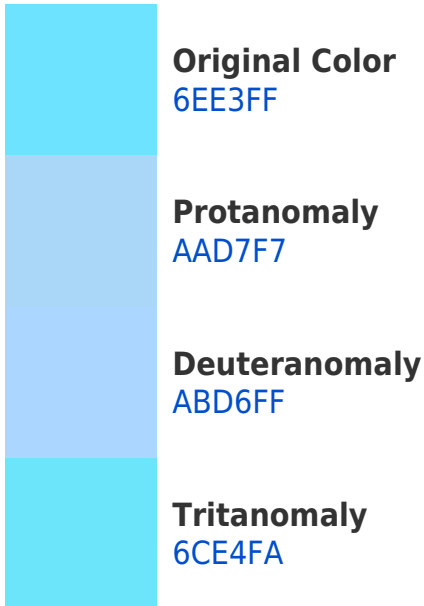
Dichromacy



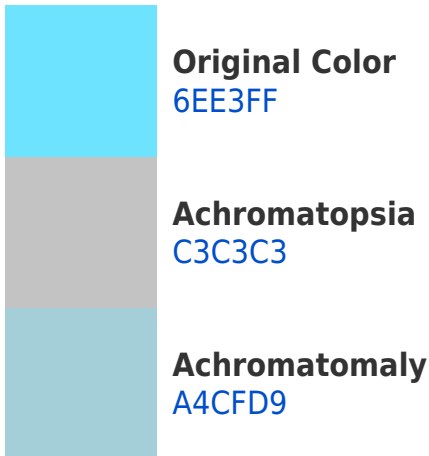


Tritanopia
6BE4F7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6EE3FF 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 #6EE3FF looks like.

```
.text, #text, p{  
    color:#6EE3FF  
}
```

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 #6EE3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EE3FF
}
```

Border

The CSS property to change the border of an element to Hex 6EE3FF 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
#6EE3FF }
```

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

```
.border{ border-color:#6EE3FF }
```

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

Here you see how a box with a 4 pixel #6EE3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EE3FF; -webkit-box-shadow:4px 4px  
4px 4px #6EE3FF; box-shadow:4px 4px 4px  
4px #6EE3FF }
```

Background

The CSS property to change the background color of an element to Hex 6EE3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EE3FF }
```

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

```
.background{ background-color:#6EE3FF }
```

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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