

Converting Colors

Hex(3EE5FF)

Have a look what the booklet for
Hex(3EE5FF) contains.

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Color

Hex(3EE5FF)

Conversions

Conversions Part 1

Format	Color
Hex	3EE5FF
RGB	62, 229, 255
RGB Percent	24%, 90%, 100%
CMY	0.7569, 0.1020, 0.0000
CMYK	0.76, 0.10, 0.00, 0.00
HSL	188°, 100%, 62%
HSV	188°, 76%, 100%
XYZ	48.0559, 64.2828, 104.4827
YIQ	182.0310, -107.8780, -27.3180

Conversions

Conversions Part 2

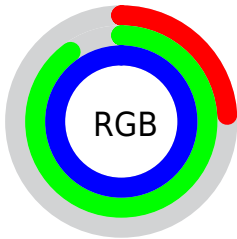
Format	Color
RYB	62, 152, 255
Decimal	4122111
CIELab	84.11, -33.19, -24.66
CIELCh	84, 41.352, 216.610
Yxy	64.2828, 0.2216, 0.2965
Android (android.graphics.Color)	4282312191 (0xFF3EE5FF)
YUV	182.0310, 35.9737, -105.2672
Hunter-Lab	80.1765, -33.3202, -21.1407

Details

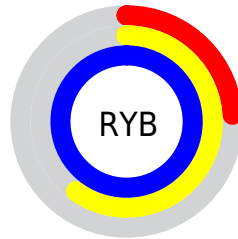
The Hex color **3EE5FF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF583E**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **89FFFF**, and **00ADC6** is the 20% darker color. If you saturate the color by 10%, you get **24E2FF**, and if you desaturate by 10%, it is **58E8FF**.

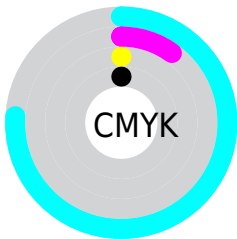
Distribution



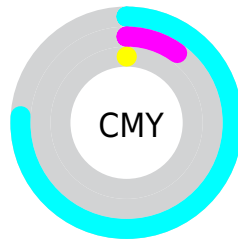
- Red (24%)
- Green (90%)
- Blue (100%)



- Red (24%)
- Yellow (60%)
- Blue (100%)



- Cyan (76%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (76%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EE5FF 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 3EE5FF by changing the saturation by 10% instead.

 3EE5FF

 3EE5FF

FFFFFF

 00C9E2

 89FFFF

 00ADC6

 AAFFFF

 0092AB

 CAFFFF

 007890

 EAFFFF

 005F77

 00475E

 002F46

 001930

 00011B

 3EE5FF

 3EE5FF

 24E2FF

 58E8FF

 0BDEFF

 71ECFF

 00DDFF

 8BEFFF

 A4F3FF

 BEF6FF

 D7FAFF

 F1FDFF

FFFFFF

Harmonies

Analogous

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



59E7D9



3EE5FF



69DEFF

Triad

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



3EE5FF



FFB8F2



E4D284

Complementary

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



3EE5FF



FF583E

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.



FFC58B



3EE5FF



FFB4CA

Square

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



3EE5FF



E2C5FF



FFB9A5



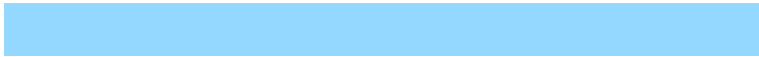
B9DD92

Rectangle

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



3EE5FF



94D7FF



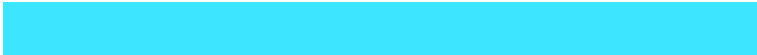
FFB9A5



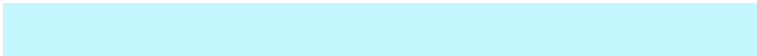
F0CE84

Sweetspot

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



3EE5FF



C4F7FF



3EFF58



5C7B80



000000



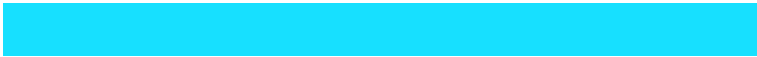
808080

Same Dimension

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



3EE5FF



17E0FF



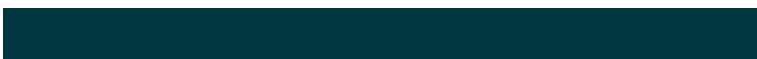
3E85FF



737E80



00A5BF



003740

Inverse Universe

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



FF3EE5



FF17E0



FFB83E



80737E



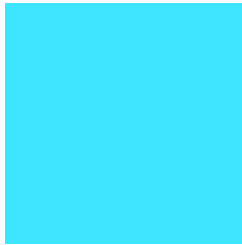
BF00A5



400037

Previews

White Background



This preview shows how the Hex color 3EE5FF looks on a white background.

Color Contrast Check

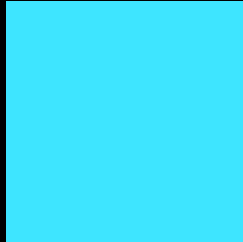
Large Text (above 18pt) WCAG AA × Fail

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 3EE5FF 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 3EE5FF Background



This preview shows how black text looks on a background with the Hex color 3EE5FF.

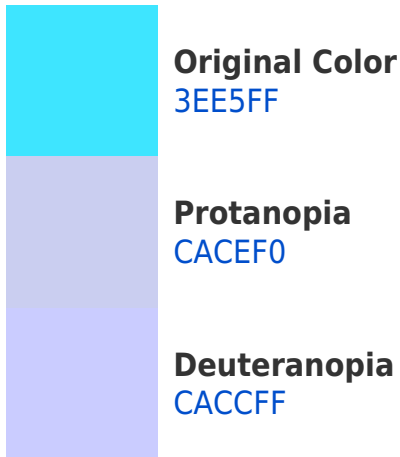


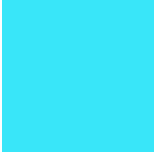
This preview shows how white text looks on a background with the Hex color 3EE5FF.

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
39E6F9

Trichromacy



Original Color
3EE5FF



Protanomaly
97D6F5



Deuteranomaly
97D5FF

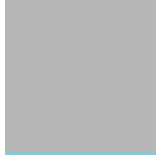


Tritanomaly
3BE6FB

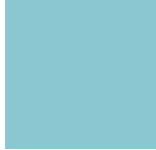
Monochromacy



Original Color
3EE5FF



Achromatopsia
B6B6B6



Achromatomaly
8AC7D1

CSS Examples

Text

The CSS property to change the color of the text to Hex 3EE5FF 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 #3EE5FF looks like.

```
.text, #text, p{  
    color:#3EE5FF  
}
```

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 #3EE5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EE5FF  
}
```

Border

The CSS property to change the border of an element to Hex 3EE5FF 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  
#3EE5FF }
```

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

```
.border{ border-color:#3EE5FF }
```

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

Here you see how a box with a 4 pixel #3EE5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EE5FF; -webkit-box-shadow:4px 4px  
4px 4px #3EE5FF; box-shadow:4px 4px 4px  
4px #3EE5FF }
```

Background

The CSS property to change the background color of an element to Hex 3EE5FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EE5FF }
```

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

```
.background{ background-color:#3EE5FF }
```

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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