

# Converting Colors

Hex(3FFEFF)

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

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# Color

Hex(3FFEFF)

# Conversions

## Conversions Part 1

Format	Color
Hex	3FFEEF
RGB	63, 254, 255
RGB Percent	25%, 100%, 100%
CMY	0.7529, 0.0039, 0.0000
CMYK	0.75, 0.00, 0.00, 0.00
HSL	180°, 100%, 62%
HSV	180°, 75%, 100%
XYZ	55.5417, 79.1604, 106.9599
YIQ	197.0050, -114.1570, -40.1810

# Conversions

## Conversions Part 2

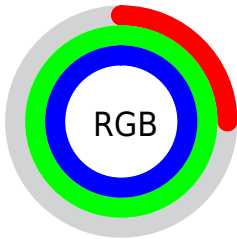
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">63, 159, 255</a>
Decimal	<a href="#">4194047</a>
<a href="#">CIELab</a>	<a href="#">91.31, -44.51, -13.80</a>
<a href="#">CIElCh</a>	<a href="#">91, 46.601, 197.230</a>
<a href="#">Yxy</a>	<a href="#">79.1604, 0.2298, 0.3276</a>
Android (android.graphics.Color)	<a href="#">4282384127</a> ( <a href="#">0xFF3FFEFF</a> )
<a href="#">YUV</a>	<a href="#">197.0050, 28.5915, -117.5224</a>
<a href="#">Hunter-Lab</a>	<a href="#">88.9721, -44.2709, -8.9963</a>

# Details

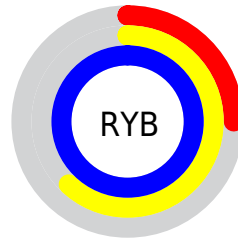
The Hex color **3FFEFF** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF403F**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **8DFFFF**, and **00C5C6** is the 20% darker color. If you saturate the color by 10%, you get **25FEFF**, and if you desaturate by 10%, it is **59FEFF**.

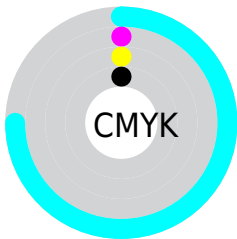
# Distribution



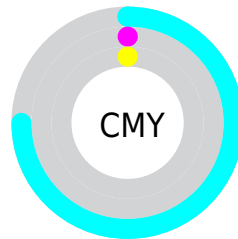
- Red (25%)
- Green (100%)
- Blue (100%)



- Red (25%)
- Yellow (62%)
- Blue (100%)



- Cyan (75%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (75%)
- Magenta (0%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 3FFEFF

 3FFEFF

FFFFFF

 00E1E2

 8DFFFF

 00C5C6

 AEFFFF

 00A9AB

 CFFFFFF

 008E91

 EFFFFFF

 007477

 005A5E

 004147

 002C30

 000A1C

 3FFEFF

 3FFEFF

 25FEFF

 59FEFF

 0CFEFF

 72FEFF

 00FEFF

 8CFEFF

 A5FFFF

 BFFFFFF

 D8FFFF

 F2FFFF

FFFFFF

# Harmonies

## Analogous

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



7EFDD1



3FFEFF



38FAFF

# Triad

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



3FFEFF



FFD1FF



FFDD8F

# Complementary

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



3FF EFF



FF403F

# 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.



FFCEA6



3FFEFF



FFC5FB

# Square

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



3FFEFF



CFE2FF



FFC4CE



EAEC8F

# Rectangle

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



3FFEFF



6AF4FF



FFC4CE



FFD894



# Sweetspot

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



3FFEFF



C4FFFF



3FFF3F



5C7F80



000000



808080



# Same Dimension

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



3FFEFF



19FEFF



3F9FFF



737F80



00BEBF



003F40



# Inverse Universe

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



FF3FFE



FF19FE



FF9F3F



80737F



BF00BE

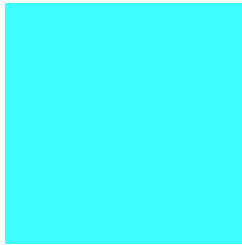


40003F



# Previews

## White Background



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

## Color Contrast Check

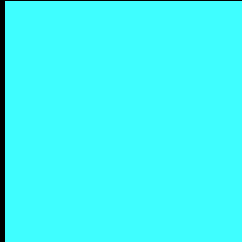
Large Text (above 18pt) WCAG AA × Fail

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 3FFEFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

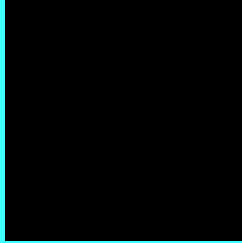
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3FFEFF Background



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



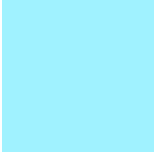
This preview shows how white text looks on a background with the Hex color 3FFEFF.

# 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](#).

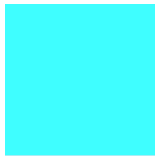
## Dichromacy





**Tritanopia**  
A0F2FF

# Trichromacy



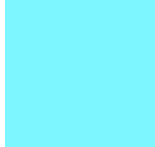
**Original Color**  
3FFEFF



**Protanomaly**  
A9EDF4



**Deuteranomaly**  
ABEBFF

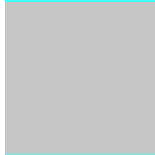


**Tritanomaly**  
7DF6FF

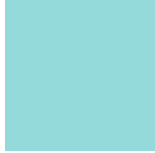
# Monochromacy



**Original Color**  
3FFEFF



**Achromatopsia**  
C5C5C5



**Achromatomaly**  
94DADA

# CSS Examples

## Text

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

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

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 #3FFEFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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