

# Converting Colors

Hex(3EF6F7)

Have a look what the booklet for  
Hex(3EF6F7) contains.

<b>Hex(3EF6F7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(3EF6F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3EF6F7
RGB	62, 246, 247
RGB Percent	24%, 96%, 97%
CMY	0.7569, 0.0353, 0.0314
CMYK	0.75, 0.00, 0.00, 0.03
HSL	180°, 92%, 61%
HSV	180°, 75%, 97%
XYZ	51.7309, 73.6511, 99.4853
YIQ	191.0980, -109.9850, -38.6970

# Conversions

## Conversions Part 2

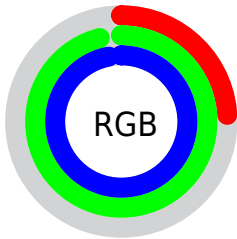
Format	Color
R <sub>YB</sub>	62, 154, 247
Decimal	4126455
CIE Lab	88.76, -43.31, -13.46
CIE LCh	89, 45.350, 197.260
Yxy	73.6511, 0.2301, 0.3275
Android (android.graphics.Color)	4282316535 (0xFF3EF6F7)
YUV	191.0980, 27.5597, -113.2189
Hunter-Lab	85.8202, -42.5888, -8.6565

# Details

The Hex color **3EF6F7** 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 **F73F3E**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **8AFFFF**, and **00BDBF** is the 20% darker color. If you saturate the color by 10%, you get **25F6F7**, and if you desaturate by 10%, it is **57F6F7**.

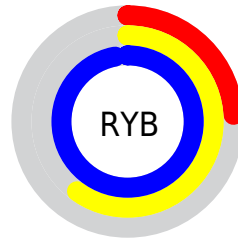
# Distribution



Red (24%)

Green (96%)

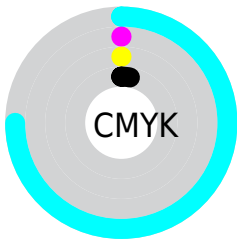
Blue (97%)



Red (24%)

Yellow (60%)

Blue (97%)

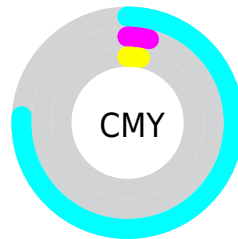


Cyan (75%)

Magenta (0%)

Yellow (0%)

Black (3%)



Cyan (76%)

Magenta (4%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3EF6F7 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 3EF6F7 by changing the saturation by 10% instead.



 3EF6F7

 3EF6F7

FFFFFF

 00D9DB

 8AFFFF

 00BDBF

 ABFFFF

 00A1A4

 CCFFFF

 008789

 ECFFFF

 006D70

 005358

 003B40

 00262A

 000117

 3EF6F7

 3EF6F7

 25F6F7

 57F6F7

 0DF6F7

 6FF6F7

 00F6F7

 88F6F7

 A1F7F7

 BAF7F7

 D2F7F7

 EBF7F7

 FFF7F7

# Harmonies

## Analogous

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



7AF5CA



3EF6F7



38F2FF

# Triad

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



3EF6F7



FFCBFF



FFD68B

# Complementary

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



3EF6F7



F73F3E

# 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.



FFC7A1



3EF6F7



FFBFF3

# Square

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



3EF6F7



C9DAFF



FFBEC7



E2E48B

# Rectangle

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



3EF6F7



67ECFF



FFBEC7



FFD190



# Sweetspot

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



3EF6F7



C7FFFF



3EF73E



5E7F80



000000



808080



# Same Dimension

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



3EF6F7



19FEFF



3E9BF7



6E7A7A



00B9BA



003A3B



# Inverse Universe

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



F73EF6



FF19FE



F79B3E



7A6E7A



BA00B9

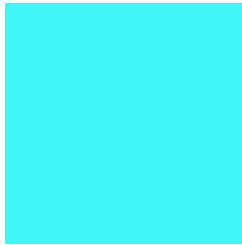


3B003A



# Previews

## White Background



This preview shows how the Hex color 3EF6F7 looks on a white background.

## Color Contrast Check

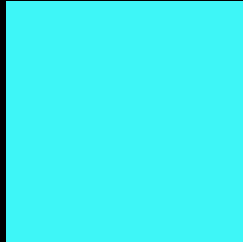
Large Text (above 18pt) WCAG AA × Fail

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 3EF6F7 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

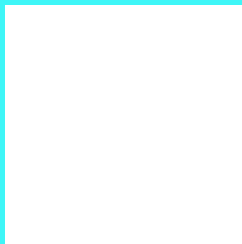
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3EF6F7 Background



This preview shows how black text looks on a background with the Hex color 3EF6F7.

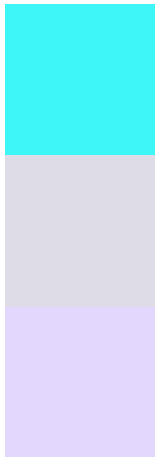


This preview shows how white text looks on a background with the Hex color 3EF6F7.

# 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



**Original Color**  
3EF6F7

**Protanopia**  
DEDCE7

**Deuteranopia**  
E3D7FE



**Tritanopia**  
7CEFF

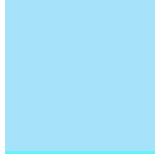
# Trichromacy



**Original Color**  
3EF6F7



**Protanomaly**  
A4E5ED



**Deuteranomaly**  
A7E2FB

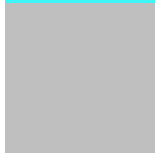


**Tritanomaly**  
65F2FC

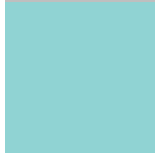
# Monochromacy



**Original Color**  
3EF6F7



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
90D3D3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3EF6F7 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 #3EF6F7 looks like.

```
.text, #text, p{  
    color:#3EF6F7  
}
```

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 #3EF6F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EF6F7  
}
```

## Border

The CSS property to change the border of an element to Hex 3EF6F7 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  
#3EF6F7 }
```

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

```
.border{ border-color:#3EF6F7 }
```

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

Here you see how a box with a 4 pixel #3EF6F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EF6F7; -webkit-box-shadow:4px 4px  
4px 4px #3EF6F7; box-shadow:4px 4px 4px  
4px #3EF6F7 }
```

# Background

The CSS property to change the background color of an element to Hex 3EF6F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EF6F7 }
```

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

```
.background{ background-color:#3EF6F7 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor