

# Converting Colors

Hex(3FE3E9)

Have a look what the booklet for  
Hex(3FE3E9) contains.

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# **Color**

**Hex(3FE3E9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FE3E9
RGB	63, 227, 233
RGB Percent	25%, 89%, 91%
CMY	0.7529, 0.1098, 0.0863
CMYK	0.73, 0.03, 0.00, 0.09
HSL	182°, 79%, 58%
HSV	182°, 73%, 91%
XYZ	44.2270, 61.8781, 86.7035
YIQ	178.6480, -99.6700, -32.9020

# Conversions

## Conversions Part 2

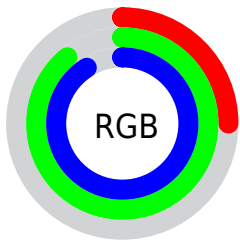
Format	Color
R <sub>YB</sub>	63, 146, 233
Decimal	4187113
CIE Lab	82.85, -38.62, -14.95
CIE LCh	83, 41.410, 201.160
Yxy	61.8781, 0.2294, 0.3209
Android (android.graphics.Color)	4282377193 (0xFF3FE3E9)
YUV	178.6480, 26.7955, -101.4233
Hunter-Lab	78.6626, -37.3005, -10.2867

# Details

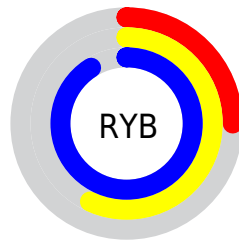
The Hex color **3FE3E9** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E9453F**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **87FFFF**, and **00ABB1** is the 20% darker color. If you saturate the color by 10%, you get **28E2E9**, and if you desaturate by 10%, it is **56E4E9**.

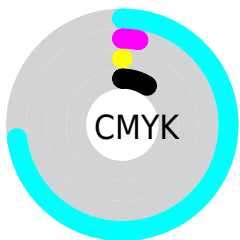
# Distribution



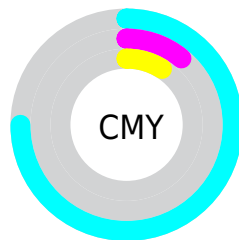
- Red (25%)
- Green (89%)
- Blue (91%)



- Red (25%)
- Yellow (57%)
- Blue (91%)



- Cyan (73%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (75%)
- Magenta (11%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3FE3E9 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 3FE3E9 by changing the saturation by 10% instead.



 3FE3E9

 3FE3E9


FFFFFF

 00C7CD

 87FFFF

 00ABB1

 A8FFFF

 009097

 C7FFFF

 00767D

 E6FFFF

 005C64

 00444C

 002D35

 001320

 000006

3FE3E9

3FE3E9

28E2E9

56E4E9

10E1E9

6EE5E9

00E1E9

85E5E9

9CE6E9

B4E7E9

CBE8E9

E2E9E9

F9EAE9

FFEAE9

# Harmonies

## Analogous

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



6EE3C1



3FE3E9



46DFFF

# Triad

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



3FE3E9



F4BBFF



F3C881

# Complementary

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



3FE3E9



E9453F

# 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.



FFBB93



3FE3E9



FFB1DB

# Square

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



3FE3E9



C2C8FF



FFB2B4



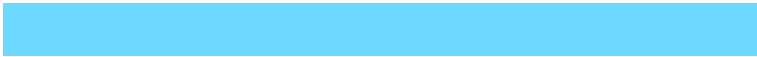
CCD485

# Rectangle

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



3FE3E9



6ED9FF



FFB2B4



FDC385



# Sweetspot

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



3FE3E9



C7FDFD



3FE945



5E7E80



000000



808080



# Same Dimension

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



3FE3E9



1FF7FF



3F8EE9



6A7575



00AFB5



003436



# Inverse Universe

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



E93FE3



FF1FF7



E99A3F



756A75



B500AF

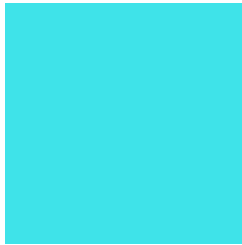


360034



# Previews

## White Background



This preview shows how the Hex color 3FE3E9 looks on a white background.

## Color Contrast Check

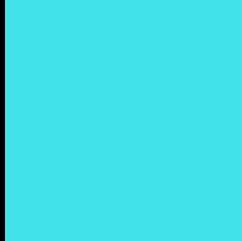
Large Text (above 18pt) WCAG AA × Fail

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 3FE3E9 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 3FE3E9 Background



This preview shows how black text looks on a background with the Hex color 3FE3E9.

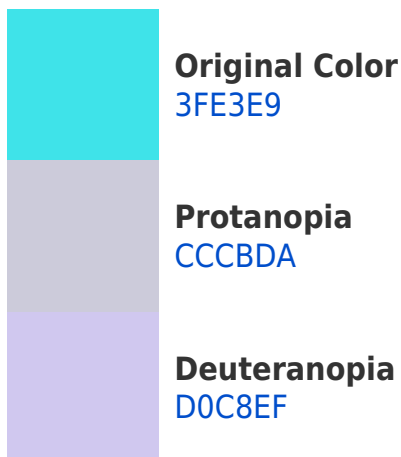


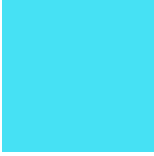
This preview shows how white text looks on a background with the Hex color 3FE3E9.

# 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**  
46E1F4

# Trichromacy



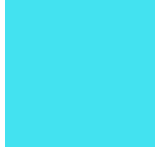
**Original Color**  
3FE3E9



**Protanomaly**  
99D4DF



**Deuteranomaly**  
9BD2ED

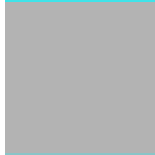


**Tritanomaly**  
43E2F0

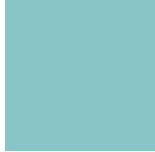
# Monochromacy



**Original Color**  
3FE3E9



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
89C4C7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3FE3E9 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 #3FE3E9 looks like.

```
.text, #text, p{  
    color:#3FE3E9  
}
```

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 #3FE3E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FE3E9
}
```

## Border

The CSS property to change the border of an element to Hex 3FE3E9 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
#3FE3E9 }
```

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

```
.border{ border-color:#3FE3E9 }
```

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

Here you see how a box with a 4 pixel #3FE3E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FE3E9; -webkit-box-shadow:4px 4px  
4px 4px #3FE3E9; box-shadow:4px 4px 4px  
4px #3FE3E9 }
```

# Background

The CSS property to change the background color of an element to Hex 3FE3E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FE3E9 }
```

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

```
.background{ background-color:#3FE3E9 }
```

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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