

Converting Colors

Hex(3EF5E7)

Have a look what the booklet for
Hex(3EF5E7) contains.

| | |
|--|----|
| Hex(3EF5E7) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(3EF5E7)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 3EF5E7 |
| RGB | 62, 245, 231 |
| RGB Percent | 24%, 96%, 91% |
| CMY | 0.7569, 0.0392, 0.0941 |
| CMYK | 0.75, 0.00, 0.06, 0.04 |
| HSL | 175°, 90%, 60% |
| HSV | 175°, 75%, 96% |
| XYZ | 49.0628, 72.0985, 86.9318 |
| YIQ | 188.6870, -104.5740, -43.1500 |

Conversions

Conversions Part 2

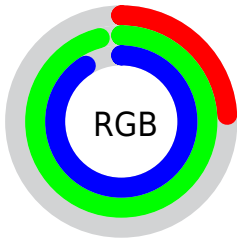
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 62, 157, 245 |
| Decimal | 4126183 |
| CIE Lab | 88.02, -47.26, -6.20 |
| CIE LCh | 88, 47.660, 187.477 |
| Yxy | 72.0985, 0.2358, 0.3465 |
| Android (android.graphics.Color) | 4282316263 (0xFF3EF5E7) |
| YUV | 188.6870, 20.8603, -111.1045 |
| Hunter-Lab | 84.9108, -45.4538, -1.2636 |

Details

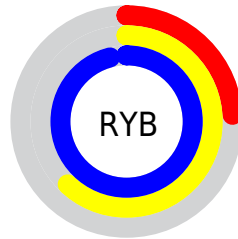
The Hex color **3EF5E7** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **F53E4C**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **89FFFF**, and **00BCB0** is the 20% darker color. If you saturate the color by 10%, you get **26F5E5**, and if you desaturate by 10%, it is **57F5E9**.

Distribution



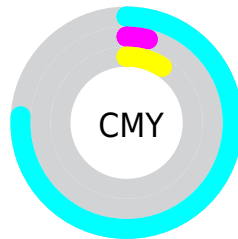
- Red (24%)
- Green (96%)
- Blue (91%)



- Red (24%)
- Yellow (62%)
- Blue (96%)



- Cyan (75%)
- Magenta (0%)
- Yellow (6%)
- Black (4%)



- Cyan (76%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EF5E7 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 3EF5E7 by changing the saturation by 10% instead.

 3EF5E7

 3EF5E7

FFFFFF

 00D8CB

 89FFFF

 00BCB0

 AAFFFF

 00A095

 CAFFFF

 00857B

 E9FFFF

 006B62

 00524B

 003A34

 00241F

 000007

 3EF5E7

 3EF5E7


 26F5E5

 57F5E9

 0DF5E3

 6FF5EB

 00F5E2

 88F5ED

 A0F5EE

 B9F5F0

 D1F5F2

 EAF5F4

 FFF5F6

 FFF5F8

Harmonies

Analogous

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



86F2B8



3EF5E7



00F3FF

Triad

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



3EF5E7



F1CDFD



FFCE8A

Complementary

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



3EF5E7



F53E4C

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.



FFC0A8



3EF5E7



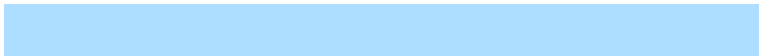
FFBEFF

Square

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



3EF5E7



ADDDFE



FFB9D3



EFDE81

Rectangle

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



3EF5E7



35EEFF



FFB9D3



FFC992

Sweetspot

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



3EF5E7



C7FFFB



4DF53E



5E807D



000000



808080

Same Dimension

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



3EF5E7



19FFED



3EA9F5



6E7A79



00BAAC



003B36

Inverse Universe

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



F53E4C



FF192B



F58A3E



7A6E6F



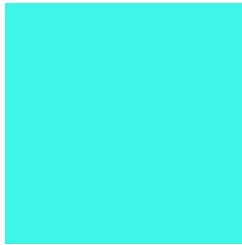
BA000E



3B0004

Previews

White Background



This preview shows how the Hex color 3EF5E7 looks on a white background.

Color Contrast Check

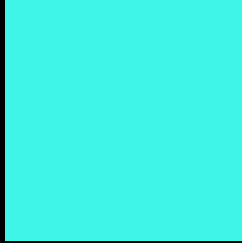
Large Text (above 18pt) WCAG AA × Fail

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 3EF5E7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

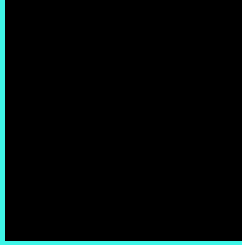
Any Text WCAG AA ✓ Pass

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 3EF5E7 Background



This preview shows how black text looks on a background with the Hex color 3EF5E7.

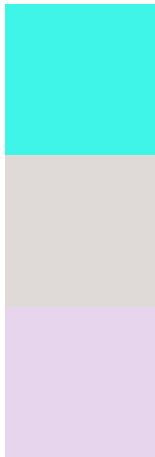


This preview shows how white text looks on a background with the Hex color 3EF5E7.

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
3EF5E7

Protanopia
DFDAD7

Deuteranopia
E7D5EE



Tritanopia
71EEFF

Trichromacy



Original Color
3EF5E7



Protanomaly
A4E4DD



Deuteranomaly
AAE1EB

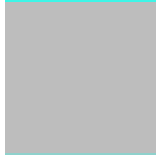


Tritanomaly
5EF1F6

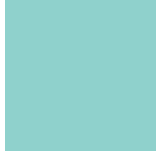
Monochromacy



Original Color
3EF5E7



Achromatopsia
BDBDBD



Achromatomaly
8FD1CC

CSS Examples

Text

The CSS property to change the color of the text to Hex 3EF5E7 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 #3EF5E7 looks like.

```
.text, #text, p{  
    color:#3EF5E7  
}
```

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 #3EF5E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EF5E7  
}
```

Border

The CSS property to change the border of an element to Hex 3EF5E7 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  
#3EF5E7 }
```

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

```
.border{ border-color:#3EF5E7 }
```

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

Here you see how a box with a 4 pixel #3EF5E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EF5E7; -webkit-box-shadow:4px 4px  
4px 4px #3EF5E7; box-shadow:4px 4px 4px  
4px #3EF5E7 }
```

Background

The CSS property to change the background color of an element to Hex 3EF5E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EF5E7 }
```

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

```
.background{ background-color:#3EF5E7 }
```

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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