

Converting Colors

Hex(3EE0E7)

Have a look what the booklet for
Hex(3EE0E7) contains.

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Color

Hex(3EE0E7)

Conversions

Conversions Part 1

Format	Color
Hex	3EE0E7
RGB	62, 224, 231
RGB Percent	24%, 88%, 91%
CMY	0.7569, 0.1216, 0.0941
CMYK	0.73, 0.03, 0.00, 0.09
HSL	182°, 78%, 57%
HSV	182°, 73%, 91%
XYZ	43.0661, 60.1050, 84.9329
YIQ	176.3600, -98.7990, -32.1670

Conversions

Conversions Part 2

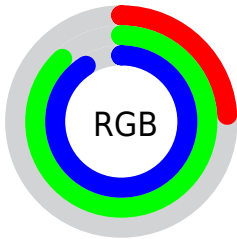
Format	Color
RYB	62, 145, 231
Decimal	4120807
CIELab	81.90, -37.93, -15.32
CIELCh	82, 40.906, 201.996
Yxy	60.1050, 0.2289, 0.3195
Android (android.graphics.Color)	4282310887 (0xFF3EE0E7)
YUV	176.3600, 26.9375, -100.2937
Hunter-Lab	77.5274, -36.5171, -10.6843

Details

The Hex color **3EE0E7** 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 **E7453E**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **86FFFF**, and **00A8AF** is the 20% darker color. If you saturate the color by 10%, you get **27DFE7**, and if you desaturate by 10%, it is **55E1E7**.

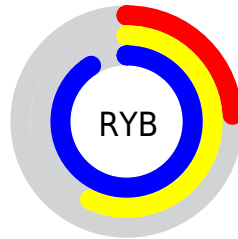
Distribution



Red (24%)

Green (88%)

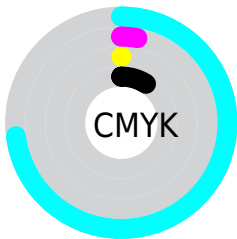
Blue (91%)



Red (24%)

Yellow (57%)

Blue (91%)

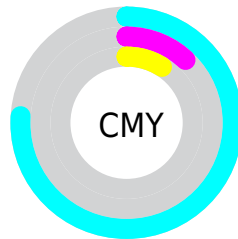


Cyan (73%)

Magenta (3%)

Yellow (0%)

Black (9%)



Cyan (76%)

Magenta (12%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EE0E7 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 3EE0E7 by changing the saturation by 10% instead.

 3EE0E7

 3EE0E7

FFFFFF

 00C4CB

 86FFFF

 00A8AF

 A6FFFF

 008D95

 C6FFFF


 00737B

 E5FFFF

 005A62

 00424A

 002B34

 000E1F

 000003

3EE0E7

3EE0E7

27DFE7

55E1E7

10DEE7

6CE2E7

00DDE7

83E3E7

9AE4E7

B2E5E7

C9E6E7

E0E7E7

F7E8E7

FFE9E7

Harmonies

Analogous

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



6CE0C0



3EE0E7



48DCFF

Triad

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



3EE0E7



F2B8FB



EFC680

Complementary

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



3EE0E7



E7453E

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.



FFB991



3EE0E7



FFAFD8

Square

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



3EE0E7



C2C5FF



FFAFB1



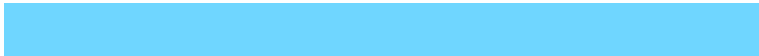
C9D283

Rectangle

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



3EE0E7



6FD6FF



FFAFB1



F9C183

Sweetspot

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



3EE0E7



C7DFFF



3EE744



5E7E80



000000



808080

Same Dimension

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



3EE0E7



1FF6FF



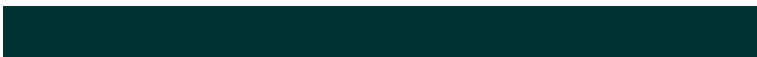
3E8DE7



677273



00ABB3



003133

Inverse Universe

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



E73EE0



FF1FF6



E7983E



736772



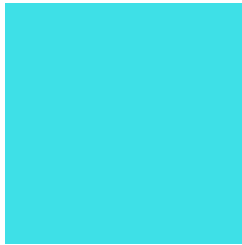
B300AB



330031

Previews

White Background



This preview shows how the Hex color 3EE0E7 looks on a white background.

Color Contrast Check

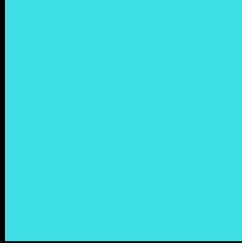
Large Text (above 18pt) WCAG AA × Fail

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 3EE0E7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

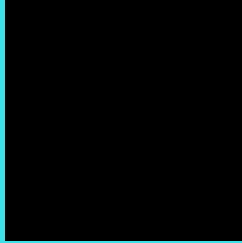
Any Text WCAG AA ✓ Pass

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 3EE0E7 Background



This preview shows how black text looks on a background with the Hex color 3EE0E7.

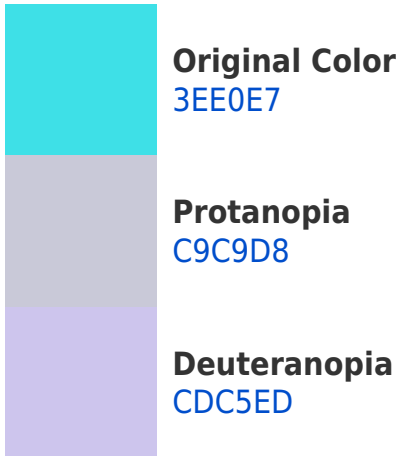


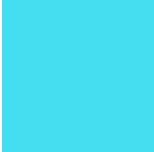
This preview shows how white text looks on a background with the Hex color 3EE0E7.

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
45DEF1

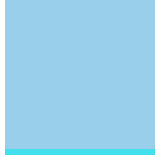
Trichromacy



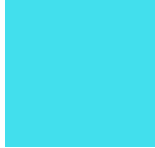
Original Color
3EE0E7



Protanomaly
96D1DD



Deuteranomaly
99CFEB

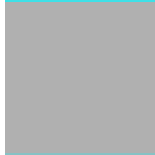


Tritanomaly
42DFED

Monochromacy



Original Color
3EE0E7



Achromatopsia
B0B0B0



Achromatomaly
87C1C4

CSS Examples

Text

The CSS property to change the color of the text to Hex 3EE0E7 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 #3EE0E7 looks like.

```
.text, #text, p{  
    color:#3EE0E7  
}
```

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 #3EE0E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EE0E7
}
```

Border

The CSS property to change the border of an element to Hex 3EE0E7 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
#3EE0E7 }
```

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

```
.border{ border-color:#3EE0E7 }
```

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

Here you see how a box with a 4 pixel #3EE0E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EE0E7; -webkit-box-shadow:4px 4px  
4px 4px #3EE0E7; box-shadow:4px 4px 4px  
4px #3EE0E7 }
```

Background

The CSS property to change the background color of an element to Hex 3EE0E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EE0E7 }
```

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

```
.background{ background-color:#3EE0E7 }
```

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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