

# Converting Colors

Hex(00E7F0)

Have a look what the booklet for  
Hex(00E7F0) contains.

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# **Color**

**Hex(00E7F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00E7F0
RGB	0, 231, 240
RGB Percent	0%, 91%, 94%
CMY	1.0000, 0.0941, 0.0588
CMYK	1.00, 0.04, 0.00, 0.06
HSL	182°, 100%, 47%
HSV	182°, 100%, 94%
XYZ	44.3041, 63.4431, 92.3487
YIQ	162.9570, -140.5650, -46.1730

# Conversions

## Conversions Part 2

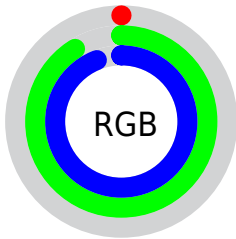
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 118, 240
Decimal	59376
CIELab	83.67, -41.95, -17.46
CIELCh	84, 45.444, 202.598
Yxy	63.4431, 0.2214, 0.3171
Android (android.graphics.Color)	4278249456 (0xFF00E7F0)
YUV	162.9570, 37.9822, -142.9133
Hunter-Lab	79.6512, -40.1031, -12.9859

# Details

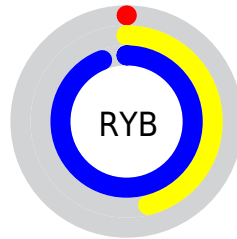
The Hex color **00E7F0** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light saturated cyan. A complement of this color would be **F00900**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **74FFFF**, and **00AFB8** is the 20% darker color. If you saturate the color by 10%, you get **00E7F0**, and if you desaturate by 10%, it is **18E8F0**.

# Distribution



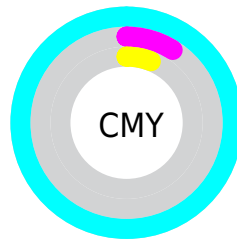
- Red (0%)
- Green (91%)
- Blue (94%)



- Red (0%)
- Yellow (46%)
- Blue (94%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (9%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00E7F0 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 00E7F0 by changing the saturation by 10% instead.



 00E7F0

 00E7F0

FFFFFF

 00CBD4

 74FFFF

 00AFB8

 96FFFF

 00949D

 B8FFFF

 007983

 D8FFFF

 00606A

 F8FFFF

 004752

 00303B

 001725

 00010F

 00E7F0

 18E8F0

 30E9F0

 48EAF0

 60EBF0

 78ECF0

 90ECF0

 A8EDF0

 C0EEF0

 D8EFF0

# Harmonies

## Analogous

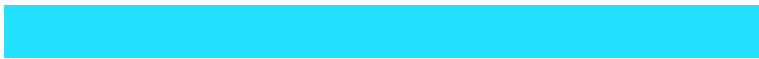
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60E7C4



00E7F0



22E2FF

# Triad

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



00E7F0



FCBAFF



F6CA7B

# Complementary

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



00E7F0



F00900

# 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.



FFBC8E



00E7F0



FFB0DD

# Square

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



00E7F0



C6C9FF



FFB1B2



CCD880

# Rectangle

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



00E7F0



62DCFF



FFB1B2



FFC57F



# Sweetspot

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



00E7F0



B3FCFF



00F008



527E80



000000



808080



# Same Dimension

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



00E7F0



00F5FF



0070F0



6C7778



00B1B8



003638



# Inverse Universe

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



F000E7



FF00F5



F08000



786C77



B800B1

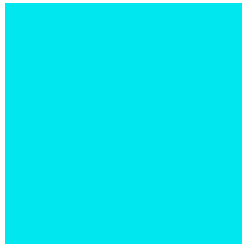


380036



# Previews

## White Background



This preview shows how the Hex color 00E7F0 looks on a white background.

## Color Contrast Check

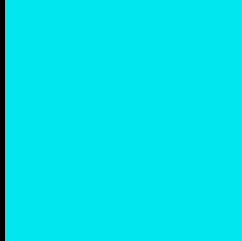
Large Text (above 18pt) WCAG AA × Fail

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 00E7F0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

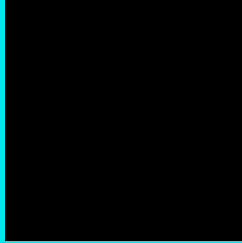
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00E7F0 Background



This preview shows how black text looks on a background with the Hex color 00E7F0.

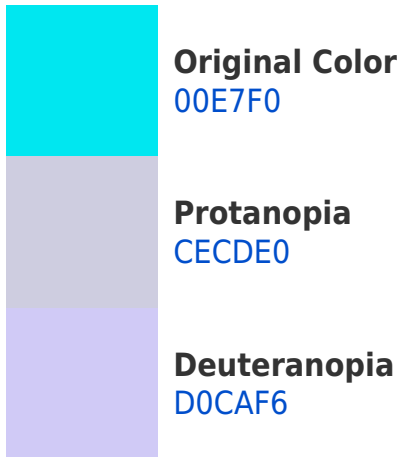


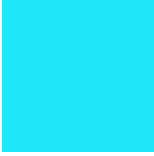
This preview shows how white text looks on a background with the Hex color 00E7F0.

# 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



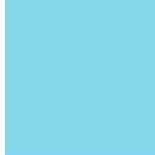


**Tritanopia**  
1FE6F8

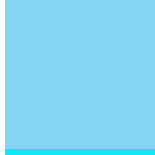
# Trichromacy



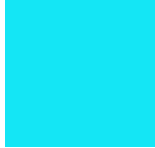
**Original Color**  
00E7F0



**Protanomaly**  
83D6E6



**Deuteranomaly**  
84D5F4



**Tritanomaly**  
14E6F5

# Monochromacy



**Original Color**  
00E7F0



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
68BCBF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00E7F0 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 #00E7F0 looks like.

```
.text, #text, p{  
    color:#00E7F0  
}
```

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 #00E7F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E7F0
}
```

## Border

The CSS property to change the border of an element to Hex 00E7F0 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
#00E7F0 }
```

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

```
.border{ border-color:#00E7F0 }
```

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

Here you see how a box with a 4 pixel #00E7F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E7F0; -webkit-box-shadow:4px 4px  
4px 4px #00E7F0; box-shadow:4px 4px 4px  
4px #00E7F0 }
```

# Background

The CSS property to change the background color of an element to Hex 00E7F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E7F0 }
```

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

```
.background{ background-color:#00E7F0 }
```

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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