

# Converting Colors

Hex(07F4EA)

Have a look what the booklet for  
Hex(07F4EA) contains.

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# Color

Hex(07F4EA)

# Conversions

## Conversions Part 1

Format	Color
Hex	07F4EA
RGB	7, 244, 234
RGB Percent	3%, 96%, 92%
CMY	0.9725, 0.0431, 0.0824
CMYK	0.97, 0.00, 0.04, 0.04
HSL	177°, 94%, 49%
HSV	177°, 97%, 96%
XYZ	47.2896, 70.6871, 88.9934
YIQ	171.9970, -138.0420, -53.3540

# Conversions

## Conversions Part 2

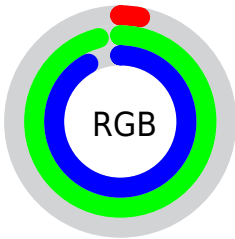
Format	Color
<b>RYB</b>	7, 128, 244
Decimal	521450
CIELab	87.33, -49.20, -8.83
CIELCh	87, 49.989, 190.180
Yxy	70.6871, 0.2285, 0.3415
Android (android.graphics.Color)	4278711530 (0xFF07F4EA)
YUV	171.9970, 30.5675, -144.7024
Hunter-Lab	84.0756, -46.7323, -3.9052

# Details

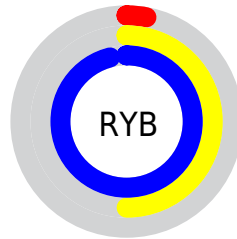
The Hex color **07F4EA** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **F40711**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **76FFFF**, and **00BBB2** is the 20% darker color. If you saturate the color by 10%, you get **00F4EA**, and if you desaturate by 10%, it is **1FF4EB**.

# Distribution



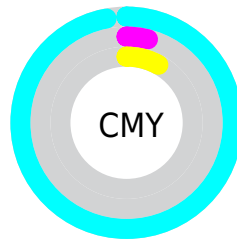
- Red (3%)
- Green (96%)
- Blue (92%)



- Red (3%)
- Yellow (50%)
- Blue (96%)



- Cyan (97%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)



- Cyan (97%)
- Magenta (4%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 07F4EA 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 07F4EA by changing the saturation by 10% instead.



 07F4EA

 07F4EA

FFFFFF

 00D7CE

 76FFFF

 00BBB2

 99FFFF

 009F98

 BAffff

 00847E

 DBFFFF

 006A65

 FBFFFF


 00514D

 003836

 002221

 00000A

 07F4EA

 07F4EA

 00F4EA

 1FF4EB

 38F4EC

 50F4ED

 69F4EE

 81F4EF

 99F4F0

 B2F4F1

 CAF4F2

 E3F4F3

# Harmonies

## Analogous

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



78F2B9



07F4EA



00F1FF

# Triad

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



07F4EA



F5C8FF



FFCD82

# Complementary

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



07F4EA



F40711

# 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.



FFBDA0



07F4EA



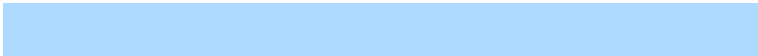
FFBAFC

# Square

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



07F4EA



AEDAFF



FFB5CC



E9DD7B

# Rectangle

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



07F4EA



16ECFF



FFB5CC



FFC789



# Sweetspot

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



07F4EA



B5FFFC



13F407



53807E



000000



808080



# Same Dimension

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



07F4EA



00FFF4



0789F4



6E7A7A



00BAB2



003B38



# Inverse Universe

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



F40711



FF000B



F47207



7A6E6F



BA0008

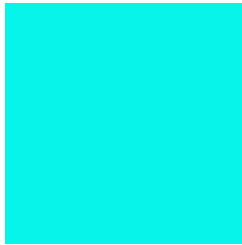


3B0002



# Previews

## White Background



This preview shows how the Hex color 07F4EA looks on a white background.

## Color Contrast Check

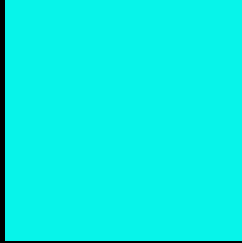
Large Text (above 18pt) WCAG AA × Fail

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 07F4EA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

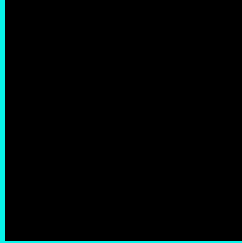
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 07F4EA Background



This preview shows how black text looks on a background with the Hex color 07F4EA.

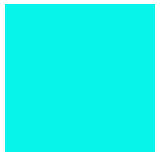


This preview shows how white text looks on a background with the Hex color 07F4EA.

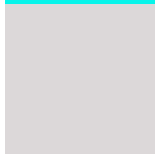
# Color Blindness Simulation

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](#).

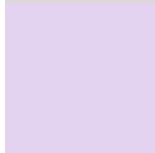
## Dichromacy



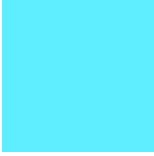
**Original Color**  
07F4EA



**Protanopia**  
DCD8D9



**Deuteranopia**  
E3D3F1



**Tritanopia**  
5EEEEFF

# Trichromacy



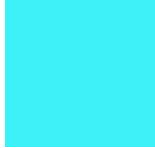
**Original Color**  
07F4EA



**Protanomaly**  
8FE2DF



**Deuteranomaly**  
93DFEE



**Tritanomaly**  
3EF0F7

# Monochromacy



**Original Color**  
07F4EA



**Achromatopsia**  
ACACAC



**Achromatomaly**  
70C6C3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 07F4EA 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 #07F4EA looks like.

```
.text, #text, p{  
    color:#07F4EA  
}
```

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 #07F4EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07F4EA
}
```

## Border

The CSS property to change the border of an element to Hex 07F4EA 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
#07F4EA }
```

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

```
.border{ border-color:#07F4EA }
```

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

Here you see how a box with a 4 pixel #07F4EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07F4EA; -webkit-box-shadow:4px 4px  
4px 4px #07F4EA; box-shadow:4px 4px 4px  
4px #07F4EA }
```

# Background

The CSS property to change the background color of an element to Hex 07F4EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07F4EA }
```

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

```
.background{ background-color:#07F4EA }
```

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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