

Converting Colors

Hex(0DF0F0)

Have a look what the booklet for
Hex(0DF0F0) contains.

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Color

Hex(0DF0F0)

Conversions

Conversions Part 1

Format	Color
Hex	0DF0F0
RGB	13, 240, 240
RGB Percent	5%, 94%, 94%
CMY	0.9490, 0.0588, 0.0588
CMYK	0.95, 0.00, 0.00, 0.06
HSL	180°, 90%, 50%
HSV	180°, 95%, 94%
XYZ	47.0542, 68.6970, 93.2179
YIQ	172.1270, -135.2920, -48.1240

Conversions

Conversions Part 2

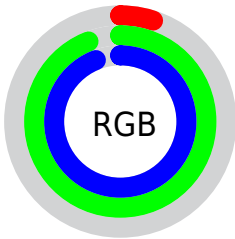
Format	Color
RYB	13, 127, 240
Decimal	913648
CIELab	86.35, -45.64, -13.44
CIELCh	86, 47.577, 196.404
Yxy	68.6970, 0.2252, 0.3287
Android (android.graphics.Color)	4279103728 (0xFF0DF0F0)
YUV	172.1270, 33.4614, -139.5544
Hunter-Lab	82.8837, -43.7094, -8.6639

Details

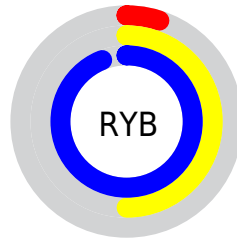
The Hex color **0DF0F0** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light saturated cyan. A complement of this color would be **F00D0D**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **77FFFF**, and **00B7B8** is the 20% darker color. If you saturate the color by 10%, you get **00F0F0**, and if you desaturate by 10%, it is **25F0F0**.

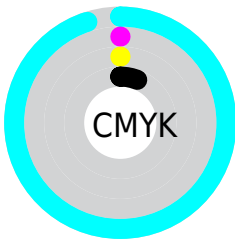
Distribution



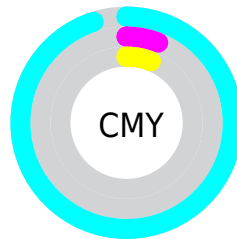
- Red (5%)
- Green (94%)
- Blue (94%)



- Red (5%)
- Yellow (50%)
- Blue (94%)



- Cyan (95%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (95%)
- Magenta (6%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0DF0F0 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 0DF0F0 by changing the saturation by 10% instead.

 0DF0F0

 0DF0F0

FFFFFF

 00D3D4

 77FFFF

 00B7B8

 9AFFFF

 009C9D

 BBFFFF

 008183

 DBFFFF

 00676A

 FCFFFF

 004E52

 00363B

 001F25

 000110

 0DF0F0

 0DF0F0

 00F0F0

 25F0F0

 3DF0F0

 55F0F0

 6DF0F0

 85F0F0

 9DF0F0

 B5F0F0

 CDF0F0

 E5F0F0

Harmonies

Analogous

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



6EEFC1



0DF0F0



00ECFF

Triad

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



0DF0F0



FCC3FF



FFCE80

Complementary

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



ODF0F0



F00D0D

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.



FFBF99



0DF0F0



FFB7EF

Square

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



0DF0F0



BED4FF



FFB5C1



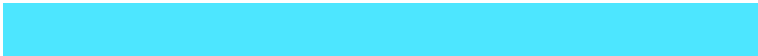
DDDD80

Rectangle

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



0DF0F0



4DE6FF



FFB5C1



FFC986

Sweetspot

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



0DF0F0



B8FFFF



0DF00D



548080



000000



808080

Same Dimension

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



0DF0F0



00FFFF



0D7EF0



6C7878



00B8B8



003838

Inverse Universe

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



F00DF0



FF00FF



F07E0D



786C78



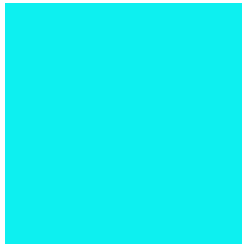
B800B8



380038

Previews

White Background



This preview shows how the Hex color 0DF0F0 looks on a white background.

Color Contrast Check

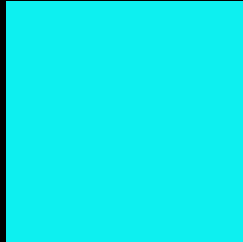
Large Text (above 18pt) WCAG AA × Fail

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 0DF0F0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

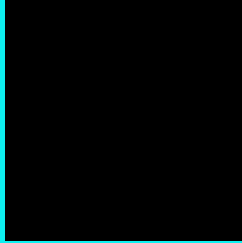
Any Text WCAG AA ✓ Pass

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 0DF0F0 Background



This preview shows how black text looks on a background with the Hex color 0DF0F0.

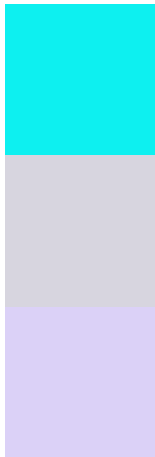


This preview shows how white text looks on a background with the Hex color 0DF0F0.

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](#).

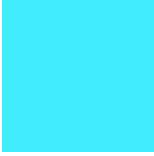
Dichromacy



Original Color
0DF0F0

Protanopia
D7D5DF

Deuteranopia
DBD1F7



Tritanopia
42ECFF

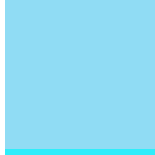
Trichromacy



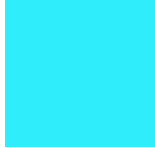
Original Color
0DF0F0



Protanomaly
8EDFE5



Deuteranomaly
90DCF4



Tritanomaly
2FEDFA

Monochromacy



Original Color
0DF0F0



Achromatopsia
ACACAC



Achromatomaly
72C5C5

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DF0F0 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 #0DF0F0 looks like.

```
.text, #text, p{  
    color:#0DF0F0  
}
```

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 #0DF0F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DF0F0
}
```

Border

The CSS property to change the border of an element to Hex 0DF0F0 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
#0DF0F0 }
```

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

```
.border{ border-color:#0DF0F0 }
```

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

Here you see how a box with a 4 pixel #0DF0F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DF0F0; -webkit-box-shadow:4px 4px  
4px 4px #0DF0F0; box-shadow:4px 4px 4px  
4px #0DF0F0 }
```

Background

The CSS property to change the background color of an element to Hex 0DF0F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DF0F0 }
```

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

```
.background{ background-color:#0DF0F0 }
```

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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