

# Converting Colors

Hex(01F0D0)

Have a look what the booklet for  
Hex(01F0D0) contains.

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# Color

**Hex(01F0D0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	01F0D0
RGB	1, 240, 208
RGB Percent	0%, 94%, 82%
CMY	0.9961, 0.0588, 0.1843
CMYK	1.00, 0.00, 0.13, 0.06
HSL	172°, 99%, 47%
HSV	172°, 100%, 94%
XYZ	42.5578, 66.8807, 70.3407
YIQ	164.8910, -132.1720, -60.6200

# Conversions

## Conversions Part 2

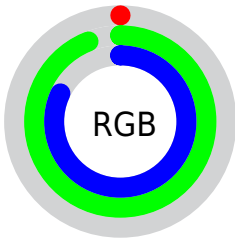
Format	Color
<a href="#">RYB</a>	<a href="#">1, 129, 240</a>
Decimal	<a href="#">127184</a>
CIELab	<a href="#">85.44, -54.74, 2.01</a>
CIELCh	<a href="#">85, 54.778, 177.898</a>
Yxy	<a href="#">66.8807, 0.2367, 0.3720</a>
Android (android.graphics.Color)	<a href="#">4278317264</a> ( <a href="#">0xFF01F0D0</a> )
YUV	<a href="#">164.8910, 21.2527, -143.7324</a>
Hunter-Lab	<a href="#">81.7806, -50.2266, 6.2502</a>

# Details

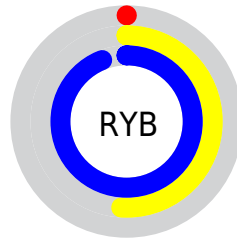
The Hex color **01F0D0** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **F00121**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **72FFFF**, and **00B79A** is the 20% darker color. If you saturate the color by 10%, you get **00F0D0**, and if you desaturate by 10%, it is **19F0D3**.

# Distribution



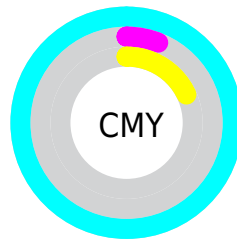
- Red (0%)
- Green (94%)
- Blue (82%)



- Red (0%)
- Yellow (51%)
- Blue (94%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (6%)



- Cyan (100%)
- Magenta (6%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 01F0D0 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 01F0D0 by changing the saturation by 10% instead.



 01F0D0

 01F0D0


FFFFFF

 00D3B4

 72FFFF

 00B79A

 94FFFF

 009B80

 B5FFFF

 008067

 D6FFFF

 00664F

 F6FFFF

 004D38

 003523

 001C0E

 000000

■ 01F0D0

■ 01F0D0

■ 00F0D0

■ 19F0D3

■ 31F0D6

■ 49F0DA

■ 61F0DD

■ 79F0E0

■ 91F0E3

■ A9F0E6

■ C1F0EA

■ D9F0ED

# Harmonies

## Analogous

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



85EB9C



01F0D0



00EFFF

# Triad

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



01F0D0



D4C9FF



FFBF7F

# Complementary

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



01F0D0



F00121

# 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.



FFAFA8



01F0D0



FFB6FF

# Square

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



01F0D0



76DCFF



FFABDB



F8D16C

# Rectangle

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



01F0D0



00ECFF



FFABDB



FFB98B



# Sweetspot

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



01F0D0



B3FFF5



25F001



528079



000000



808080



# Same Dimension

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



01F0D0



00FFDD



019CF0



6C7876



00B89F



003831



# Inverse Universe

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



F00121



FF0022



F05501



786C6D



B80019

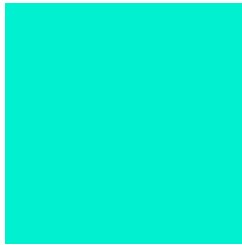


380008



# Previews

## White Background



This preview shows how the Hex color 01F0D0 looks on a white background.

## Color Contrast Check

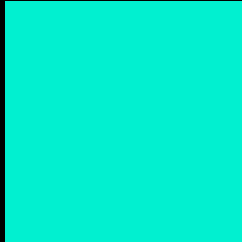
Large Text (above 18pt) WCAG AA × Fail

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 01F0D0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

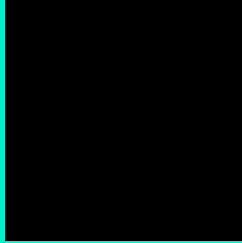
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 01F0D0 Background



This preview shows how black text looks on a background with the Hex color 01F0D0.



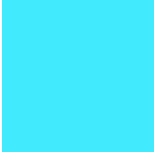
This preview shows how white text looks on a background with the Hex color 01F0D0.

# 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



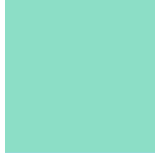


**Tritanopia**  
41EAFD

# Trichromacy



**Original Color**  
01F0D0



**Protanomaly**  
8CDEC6



**Deuteranomaly**  
93DAD5

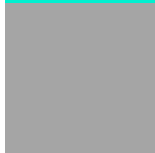


**Tritanomaly**  
2AECED

# Monochromacy



**Original Color**  
01F0D0



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
69C0B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 01F0D0 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 #01F0D0 looks like.

```
.text, #text, p{  
    color:#01F0D0  
}
```

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 #01F0D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01F0D0
}
```

## Border

The CSS property to change the border of an element to Hex 01F0D0 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
#01F0D0 }
```

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

```
.border{ border-color:#01F0D0 }
```

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

Here you see how a box with a 4 pixel #01F0D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01F0D0; -webkit-box-shadow:4px 4px  
4px 4px #01F0D0; box-shadow:4px 4px 4px  
4px #01F0D0 }
```

# Background

The CSS property to change the background color of an element to Hex 01F0D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01F0D0 }
```

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

```
.background{ background-color:#01F0D0 }
```

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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