

# Converting Colors

Hex(12F0F0)

Have a look what the booklet for  
Hex(12F0F0) contains.

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# **Color**

**Hex(12F0F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	12F0F0
RGB	18, 240, 240
RGB Percent	7%, 94%, 94%
CMY	0.9294, 0.0588, 0.0588
CMYK	0.93, 0.00, 0.00, 0.06
HSL	180°, 88%, 51%
HSV	180°, 92%, 94%
XYZ	47.1377, 68.7400, 93.2218
YIQ	173.6220, -132.3120, -47.0640

# Conversions

## Conversions Part 2

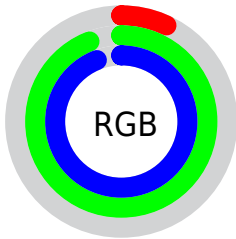
Format	Color
R <sub>Y</sub> B	18, 129, 240
Decimal	1241328
CIE Lab	86.38, -45.50, -13.40
CIE LCh	86, 47.431, 196.412
Yxy	68.7400, 0.2254, 0.3287
Android (android.graphics.Color)	4279431408 (0xFF12F0F0)
YUV	173.6220, 32.7244, -136.4805
Hunter-Lab	82.9096, -43.6068, -8.6277

# Details

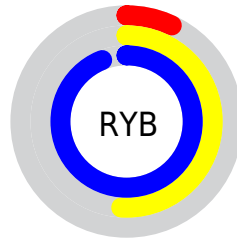
The Hex color **12F0F0** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **F01212**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **78FFFF**, 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 **2AF0F0**.

# Distribution



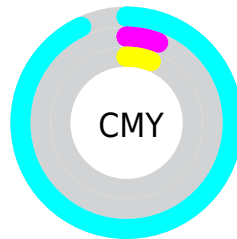
- Red (7%)
- Green (94%)
- Blue (94%)



- Red (7%)
- Yellow (51%)
- Blue (94%)



- Cyan (93%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (93%)
- Magenta (6%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 12F0F0 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 12F0F0 by changing the saturation by 10% instead.



 12F0F0

 12F0F0

FFFFFF

 00D3D4

 78FFFF

 00B7B8

 9BFFFF

 009C9D

 BCFFFF

 008183

 DCFFFF

 00676A

 FCFFFF

 004E52

 00363B

 001F25

 000110

 12F0F0

 12F0F0

 00F0F0

 2AF0F0

 42F0F0

 5AF0F0

 72F0F0

 8AF0F0

 A2F0F0

 BAF0F0

 D2F0F0

 EAF0F0

# Harmonies

## Analogous

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



6EEFC2



12F0F0



00ECFF

# Triad

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



12F0F0



FCC3FF



FFCE81

# Complementary

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



12F0F0



F01212

# 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



12F0F0



FFB7EF

# Square

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



12F0F0



BED4FF



FFB5C1



DDDD80

# Rectangle

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



12F0F0



4EE6FF



FFB5C1



FFC986



# Sweetspot

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



12F0F0



B8FFFF



12F012



548080



000000



808080



# Same Dimension

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



12F0F0



00FFFF



1281F0



6C7878



00B8B8



003838



# Inverse Universe

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



F012F0



FF00FF



F08112



786C78



B800B8

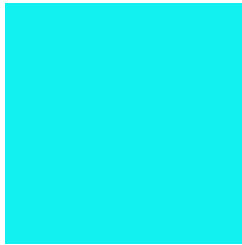


380038



# Previews

## White Background



This preview shows how the Hex color 12F0F0 looks on a white background.

## Color Contrast Check

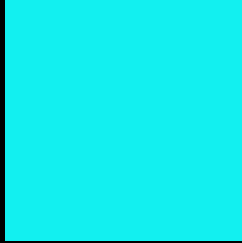
Large Text (above 18pt) WCAG AA × Fail

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 12F0F0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

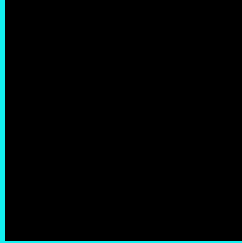
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 12F0F0 Background



This preview shows how black text looks on a background with the Hex color 12F0F0.

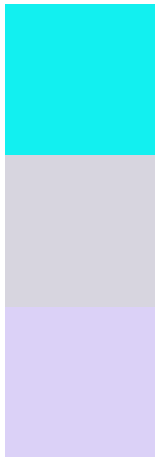


This preview shows how white text looks on a background with the Hex color 12F0F0.

# 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**  
12F0F0

**Protanopia**  
D7D5DF

**Deuteranopia**  
DBD1F7



**Tritanopia**  
43ECFF

# Trichromacy



**Original Color**  
12F0F0



**Protanomaly**  
8FDFE5



**Deuteranomaly**  
92DCF4

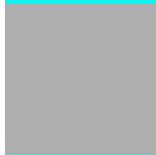


**Tritanomaly**  
31EDFA

# Monochromacy



**Original Color**  
12F0F0



**Achromatopsia**  
AEAEAE



**Achromatomaly**  
75C6C6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 12F0F0 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 #12F0F0 looks like.

```
.text, #text, p{  
    color:#12F0F0  
}
```

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 #12F0F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12F0F0
}
```

## Border

The CSS property to change the border of an element to Hex 12F0F0 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
#12F0F0 }
```

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

```
.border{ border-color:#12F0F0 }
```

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

Here you see how a box with a 4 pixel #12F0F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12F0F0; -webkit-box-shadow:4px 4px  
4px 4px #12F0F0; box-shadow:4px 4px 4px  
4px #12F0F0 }
```

# Background

The CSS property to change the background color of an element to Hex 12F0F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12F0F0 }
```

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

```
.background{ background-color:#12F0F0 }
```

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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