

# Converting Colors

Hex(0CF084)

Have a look what the booklet for  
Hex(0CF084) contains.

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# Color

Hex(0CF084)

# Conversions

## Conversions Part 1

Format	Color
Hex	0CF084
RGB	12, 240, 132
RGB Percent	5%, 94%, 52%
CMY	0.9529, 0.0588, 0.4824
CMYK	0.95, 0.00, 0.45, 0.06
HSL	152°, 90%, 49%
HSV	152°, 95%, 94%
XYZ	35.4766, 64.0643, 32.3256
YIQ	159.5160, -101.2200, -81.9240

# Conversions

## Conversions Part 2

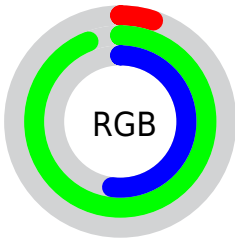
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 161, 240
Decimal	848004
CIE <sub>Lab</sub>	84.00, -71.03, 38.99
CIE <sub>LCh</sub>	84, 81.028, 151.236
Yxy	64.0643, 0.2690, 0.4858
Android (android.graphics.Color)	4279038084 (0xFF0CF084)
<b>YUV</b>	159.5160, -13.5654, -129.3715
Hunter-Lab	80.0402, -60.9529, 32.0828




# Details

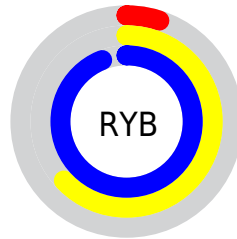
The Hex color **0CF084** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark saturated spring green. A complement of this color would be **F00C78**, and the grayscale version is **A0A0A0**.




A 20% lighter version of the original color is **71FFBA**, and **00B650** is the 20% darker color. If you saturate the color by 10%, you get **00F07E**, and if you desaturate by 10%, it is **24F08F**.

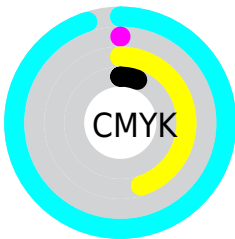
# Distribution







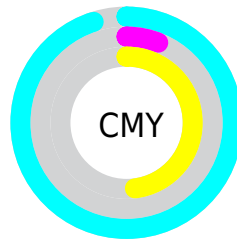
-  Red (5%)
-  Green (94%)
-  Blue (52%)






-  Red (5%)
-  Yellow (63%)
-  Blue (94%)



-  Cyan (95%)
-  Magenta (0%)
-  Yellow (45%)
-  Black (6%)



-  Cyan (95%)
-  Magenta (6%)
-  Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0CF084 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 0CF084 by changing the saturation by 10% instead.



 0CF084

 0CF084

FFFFFF

 00D36A

 71FFBA

 00B650

 93FFD6

 009A37

 B4FFF3

 007F1E

 D3FFFF

 006400

 F3FFFF

 004A00

 003200

 001700

 000000

 0CF084

 0CF084

 00F07E

 24F08F

 3CF09B

 54F0A6

 6CF0B1

 84F0BD

 9CF0C8

 B4F0D4

 CCF0DF

 E4F0EA

# Harmonies

## Analogous

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



A8E440



0CF084



00F5D2

# Triad

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



0CF084



00D9FF



FF9387

# Complementary

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



OCF084



F00C78

# 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.



FF87D2



0CF084



D5BCFF

# Square

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



0CF084



00ECFF



FF9AFF



FFB247

# Rectangle

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



0CF084



00F5FF



FF9AFF



FF8C9F

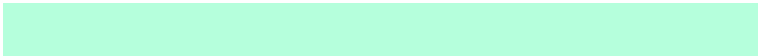


# Sweetspot

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



0CF084



B5FFDC



7AF00C



53806A



000000



808080



# Same Dimension

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



0CF084



00FF86



0CECF0



6C7872



00B861



00381E



# Inverse Universe

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



F00C78



FF0079



F0100C



786C72



B80057

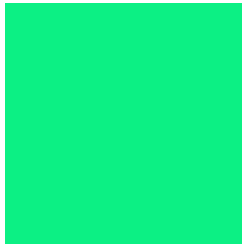


38001B



# Previews

## White Background



This preview shows how the Hex color 0CF084 looks on a white background.

## Color Contrast Check

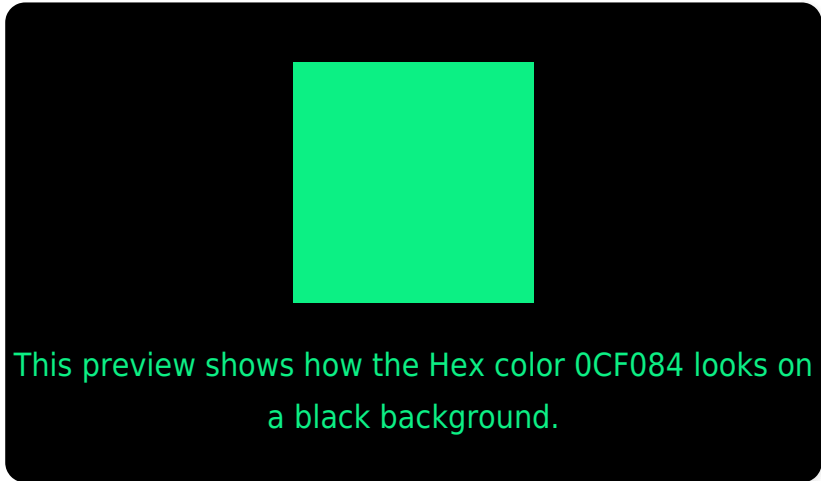
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 0CF084 Background



This preview shows how black text looks on a background with the Hex color 0CF084.

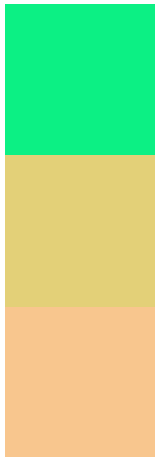


This preview shows how white text looks on a background with the Hex color 0CF084.

# 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](#).

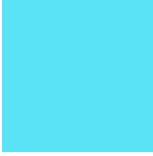
## Dichromacy



**Original Color**  
0CF084

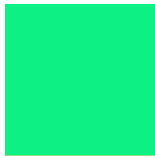
**Protanopia**  
E3D078

**Deuteranopia**  
F8C68E



**Tritanopia**  
5AE3F5

# Trichromacy



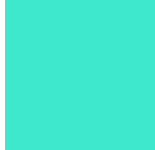
**Original Color**  
0CF084



**Protanomaly**  
95DC7C



**Deuteranomaly**  
A2D58A



**Tritanomaly**  
3EE8CC

# Monochromacy



**Original Color**  
0CF084



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
6ABD96

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0CF084 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 #0CF084 looks like.

```
.text, #text, p{  
    color:#0CF084  
}
```

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 #0CF084 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CF084
}
```

## Border

The CSS property to change the border of an element to Hex 0CF084 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
#0CF084 }
```

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

```
.border{ border-color:#0CF084 }
```

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

Here you see how a box with a 4 pixel #0CF084 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CF084; -webkit-box-shadow:4px 4px  
4px 4px #0CF084; box-shadow:4px 4px 4px  
4px #0CF084 }
```

# Background

The CSS property to change the background color of an element to Hex 0CF084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CF084 }
```

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

```
.background{ background-color:#0CF084 }
```

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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