

# Converting Colors

Hex(08F6F6)

Have a look what the booklet for  
Hex(08F6F6) contains.

<b>Hex(08F6F6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(08F6F6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	08F6F6
RGB	8, 246, 246
RGB Percent	3%, 96%, 96%
CMY	0.9686, 0.0353, 0.0353
CMYK	0.97, 0.00, 0.00, 0.04
HSL	180°, 94%, 50%
HSV	180°, 97%, 96%
XYZ	49.6905, 72.6170, 98.5863
YIQ	174.8380, -141.8480, -50.4560

# Conversions

## Conversions Part 2

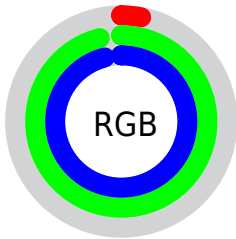
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 127, 246
Decimal	587510
CIELab	88.26, -46.62, -13.72
CIELCh	88, 48.601, 196.396
Yxy	72.6170, 0.2250, 0.3287
Android (android.graphics.Color)	4278777590 (0xFF08F6F6)
YUV	174.8380, 35.0829, -146.3169
Hunter-Lab	85.2156, -45.0413, -8.9419

# Details

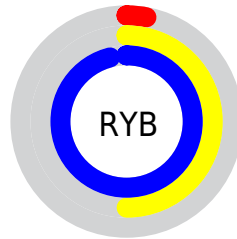
The Hex color **08F6F6** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **F60808**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **78FFFF**, and **00BDBE** is the 20% darker color. If you saturate the color by 10%, you get **00F6F6**, and if you desaturate by 10%, it is **21F6F6**.

# Distribution



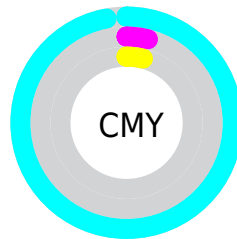
- Red (3%)
- Green (96%)
- Blue (96%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 08F6F6 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 08F6F6 by changing the saturation by 10% instead.



 08F6F6

 08F6F6

FFFFFF

 00D9DA

 78FFFF

 00BDBE

 9BFFFF

 00A1A3

 BCFFFF

 008689

 DDFFFF

 006C6F


FEFFFF


 005357

 003A40

 00252A

 000116

 08F6F6

 08F6F6

 00F6F6

 21F6F6

 39F6F6

 52F6F6

 6AF6F6

 83F6F6

 9CF6F6

 B4F6F6

 CDF6F6

 E5F6F6

# Harmonies

## Analogous

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



70F5C6



08F6F6



00F2FF

# Triad

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



08F6F6



FFC8FF



FFD383

# Complementary

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



08F6F6



F60808

# 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.



FFC49C



08F6F6



FFBBF5

# Square

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



08F6F6



C3D9FF



FFBAC6



E2E383

# Rectangle

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



08F6F6



4EECFE



FFBAC6



FFCE89

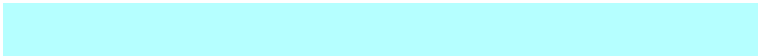


# Sweetspot

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



08F6F6



B5FFFF



08F608



538080



000000



808080



# Same Dimension

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



08F6F6



00FFFF



087FF6



6E7A7A



00BABA



003B3B



# Inverse Universe

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



F608F6



FF00FF



F67F08



7A6E7A



BA00BA

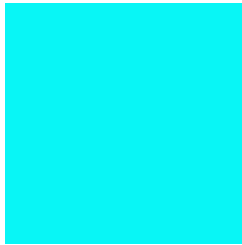


3B003B



# Previews

## White Background



This preview shows how the Hex color 08F6F6 looks on a white background.

## Color Contrast Check

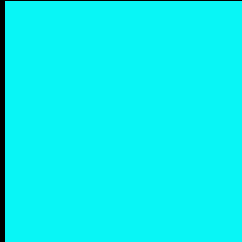
Large Text (above 18pt) WCAG AA × Fail

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 08F6F6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

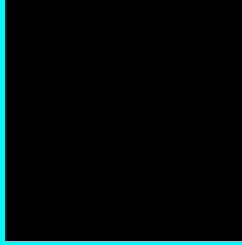
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 08F6F6 Background



This preview shows how black text looks on a background with the Hex color 08F6F6.

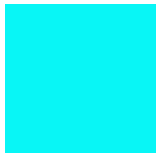


This preview shows how white text looks on a background with the Hex color 08F6F6.

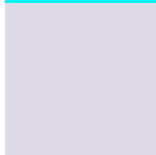
# Color Blindness Simulation

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



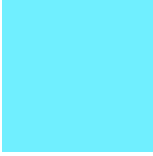
**Original Color**  
08F6F6



**Protanopia**  
DDAE5

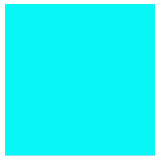


**Deuteranopia**  
E1D6FD



**Tritanopia**  
70EFFF

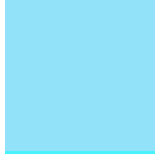
# Trichromacy



**Original Color**  
08F6F6



**Protanomaly**  
90E4EB



**Deuteranomaly**  
92E2FA

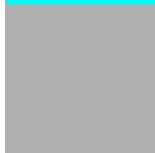


**Tritanomaly**  
4AF2FC

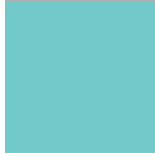
# Monochromacy



**Original Color**  
08F6F6



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
72C9C9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 08F6F6 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 #08F6F6 looks like.

```
.text, #text, p{  
    color:#08F6F6  
}
```

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 #08F6F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08F6F6  
}
```

## Border

The CSS property to change the border of an element to Hex 08F6F6 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  
#08F6F6 }
```

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

```
.border{ border-color:#08F6F6 }
```

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

Here you see how a box with a 4 pixel #08F6F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08F6F6; -webkit-box-shadow:4px 4px  
4px 4px #08F6F6; box-shadow:4px 4px 4px  
4px #08F6F6 }
```

# Background

The CSS property to change the background color of an element to Hex 08F6F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08F6F6 }
```

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

```
.background{ background-color:#08F6F6 }
```

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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