

# Converting Colors

Hex(08DFC8)

Have a look what the booklet for  
Hex(08DFC8) contains.

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# Color

Hex(08DFC8)

# Conversions

## Conversions Part 1

Format	Color
Hex	08DFC8
RGB	8, 223, 200
RGB Percent	3%, 87%, 78%
CMY	0.9686, 0.1255, 0.2157
CMYK	0.96, 0.00, 0.10, 0.13
HSL	174°, 93%, 45%
HSV	174°, 96%, 87%
XYZ	36.9131, 56.9971, 63.6996
YIQ	156.0930, -120.7570, -52.7330

# Conversions

## Conversions Part 2

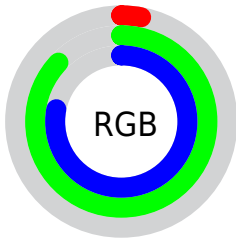
Format	Color
R <sub>YB</sub>	8, 122, 223
Decimal	581576
CIE Lab	80.18, -49.76, -1.45
CIE LCh	80, 49.785, 181.666
Yxy	56.9971, 0.2342, 0.3616
Android (android.graphics.Color)	4278771656 (0xFF08DFC8)
YUV	156.0930, 21.6462, -129.8776
Hunter-Lab	75.4964, -44.8432, 2.8220

# Details

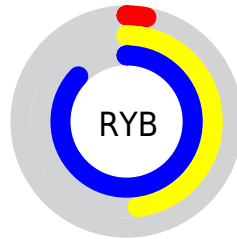
The Hex color **08DFC8** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **DF081F**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **6FFFFFF**, and **00A792** is the 20% darker color. If you saturate the color by 10%, you get **00DFC7**, and if you desaturate by 10%, it is **1EDFCA**.

# Distribution



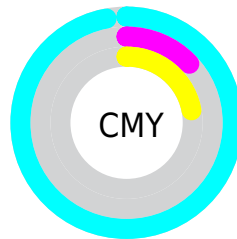
- Red (3%)
- Green (87%)
- Blue (78%)



- Red (3%)
- Yellow (48%)
- Blue (87%)



- Cyan (96%)
- Magenta (0%)
- Yellow (10%)
- Black (13%)



- Cyan (97%)
- Magenta (13%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 08DFC8 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 08DFC8 by changing the saturation by 10% instead.



 08DFC8

 08DFC8

FFFFFF

 00C3AD

 6FFFFFF

 00A792

 91FFFF

 008C79

 B1FFFF

 007160

 D1FFFF

 005848

 F0FFFF

 003F32

 00291D

 000104

 000000

08DFC8

08DFC8

00DFC7

1EDFCA

35DFCD

4BDFCF

61DFD2

78DFD4

8EDFD6

A4DFD9

BADFDB

D1DFDD

# Harmonies

## Analogous

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



77DB99



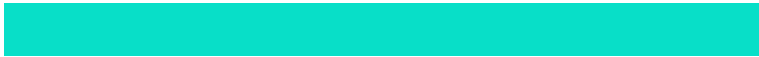
08DFC8



00DEF6

# Triad

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



08DFC8



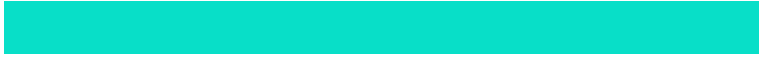
CEBAFF



FFB576

# Complementary

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



08DFC8



DF081F

# 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.



FFA698



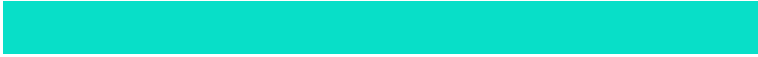
08DFC8



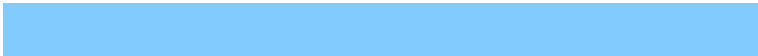
FFA9F4

# Square

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



08DFC8



81CBFF



FFA1C6



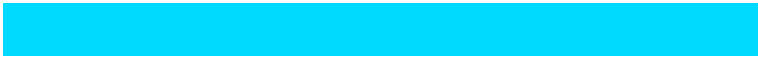
E1C568

# Rectangle

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



08DFC8



00DAFF



FFA1C6

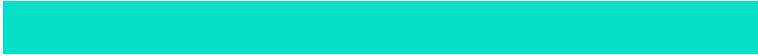


FFAF80

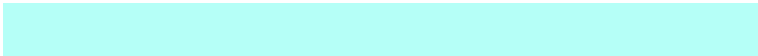


# Sweetspot

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



08DFC8



B5FFF7



21DF08



53807B



000000



808080



# Same Dimension

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



08DFC8



00FFE4



088DDF



65706F



00B09D



00302B



# Inverse Universe

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



DF081F



FF001B



DF5A08



706566



B00013

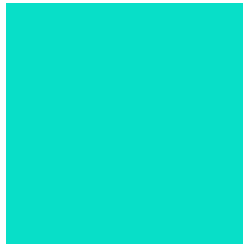


300005



# Previews

## White Background



This preview shows how the Hex color 08DFC8 looks on a white background.

## Color Contrast Check

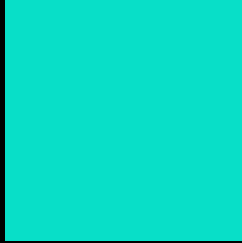
Large Text (above 18pt) WCAG AA × Fail

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 08DFC8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

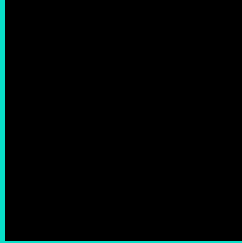
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

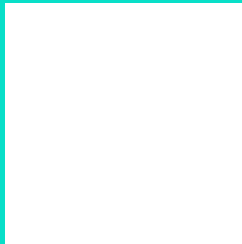
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 08DFC8 Background



This preview shows how black text looks on a background with the Hex color 08DFC8.



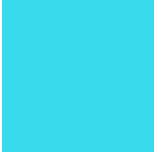
This preview shows how white text looks on a background with the Hex color 08DFC8.

# 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**  
39DAEC

# Trichromacy



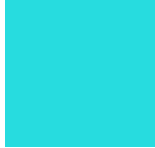
**Original Color**  
08DFC8



**Protanomaly**  
84CEBE



**Deuteranomaly**  
8ACBCC



**Tritanomaly**  
27DCDF

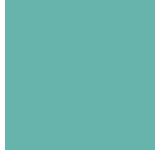
# Monochromacy



**Original Color**  
08DFC8



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
66B4AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 08DFC8 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 #08DFC8 looks like.

```
.text, #text, p{  
    color:#08DFC8  
}
```

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 #08DFC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08DFC8
}
```

## Border

The CSS property to change the border of an element to Hex 08DFC8 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
#08DFC8 }
```

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

```
.border{ border-color:#08DFC8 }
```

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

Here you see how a box with a 4 pixel #08DFC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08DFC8; -webkit-box-shadow:4px 4px  
4px 4px #08DFC8; box-shadow:4px 4px 4px  
4px #08DFC8 }
```

# Background

The CSS property to change the background color of an element to Hex 08DFC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08DFC8 }
```

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

```
.background{ background-color:#08DFC8 }
```

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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