

Converting Colors

Hex(06EFD1)

Have a look what the booklet for
Hex(06EFD1) contains.

Hex(06EFD1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(06EFD1)

Conversions

Conversions Part 1

Format	Color
Hex	06EFD1
RGB	6, 239, 209
RGB Percent	2%, 94%, 82%
CMY	0.9765, 0.0627, 0.1804
CMYK	0.97, 0.00, 0.13, 0.06
HSL	172°, 95%, 48%
HSV	172°, 97%, 94%
XYZ	42.4502, 66.3752, 70.8959
YIQ	165.9130, -129.2380, -58.7260

Conversions

Conversions Part 2

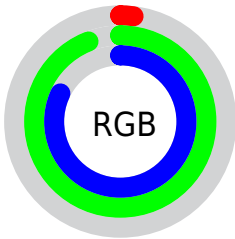
Format	Color
RYB	6, 131, 239
Decimal	454609
CIELab	85.19, -53.96, 1.11
CIELCh	85, 53.970, 178.818
Yxy	66.3752, 0.2362, 0.3693
Android (android.graphics.Color)	4278644689 (0xFF06EFD1)
YUV	165.9130, 21.2419, -140.2437
Hunter-Lab	81.4710, -49.5672, 5.4356

Details

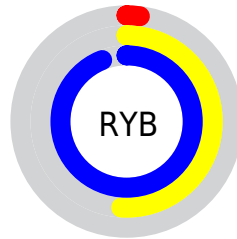
The Hex color **06EFD1** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **EF0624**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **73FFFF**, and **00B69B** is the 20% darker color. If you saturate the color by 10%, you get **00EFD0**, and if you desaturate by 10%, it is **1EEFD4**.

Distribution



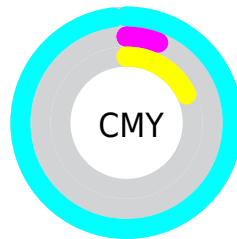
- Red (2%)
- Green (94%)
- Blue (82%)



- Red (2%)
- Yellow (51%)
- Blue (94%)



- Cyan (97%)
- Magenta (0%)
- Yellow (13%)
- Black (6%)



- Cyan (98%)
- Magenta (6%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06EFD1 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 06EFD1 by changing the saturation by 10% instead.

 06EFD1

 06EFD1


FFFFFF

 00D2B5

 73FFFF

 00B69B

 95FFFF

 009A81

 B6FFFF

 007F68

 D6FFFF

 006550

 F6FFFF

 004C39

 003423

 001B0F

 000000

06EFD1

06EFD1

00EFD0

1EEFD4

36EFD7

4EEFDA

66EFDD

7DEFEO

95EFE3

ADEFE7

C5EFEA

DDEFED

Harmonies

Analogous

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



83EA9E



06EFD1



00EEFF

Triad

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



06EFD1



D6C8FF



FFBF7F

Complementary

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



06EFD1



EF0624

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.



FFAFA6



06EFD1



FFB6FF

Square

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



06EFD1



7BDBFF



FFABD9



F6D16D

Rectangle

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



06EFD1



00EBFF



FFABD9



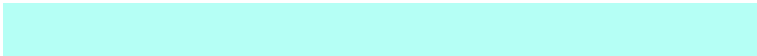
FFB98A

Sweetspot

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



06EFD1



B5FFF5



25EF06



53807A



000000



808080

Same Dimension

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



06EFD1



00FFDE



069AEF



6C7876



00B8A0



003831

Inverse Universe

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



EF0624



FF0021



EF5B06



786C6D



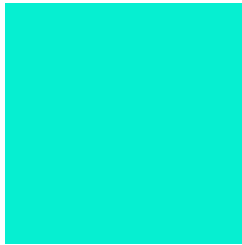
B80018



380007

Previews

White Background



This preview shows how the Hex color 06EFD1 looks on a white background.

Color Contrast Check

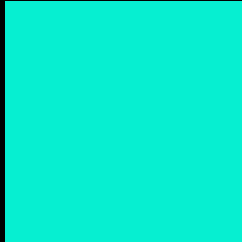
Large Text (above 18pt) WCAG AA × Fail

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 06EFD1 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 06EFD1 Background



This preview shows how black text looks on a background with the Hex color 06EFD1.

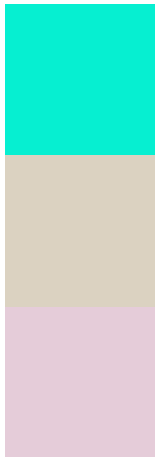


This preview shows how white text looks on a background with the Hex color 06EFD1.

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
06EFD1

Protanopia
DBD2C1

Deuteranopia
E5CCD9

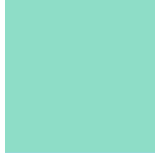


Tritanopia
40E9FC

Trichromacy



Original Color
06EFD1



Protanomaly
8EDDC7



Deuteranomaly
94D9D6

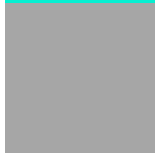


Tritanomaly
2BEBEC

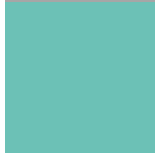
Monochromacy



Original Color
06EFD1



Achromatopsia
A6A6A6



Achromatomaly
6CC1B6

CSS Examples

Text

The CSS property to change the color of the text to Hex 06EFD1 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 #06EFD1 looks like.

```
.text, #text, p{  
    color:#06EFD1  
}
```

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 #06EFD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06EFD1
}
```

Border

The CSS property to change the border of an element to Hex 06EFD1 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
#06EFD1 }
```

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

```
.border{ border-color:#06EFD1 }
```

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

Here you see how a box with a 4 pixel #06EFD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06EFD1; -webkit-box-shadow:4px 4px  
4px 4px #06EFD1; box-shadow:4px 4px 4px  
4px #06EFD1 }
```

Background

The CSS property to change the background color of an element to Hex 06EFD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06EFD1 }
```

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

```
.background{ background-color:#06EFD1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor