

# Converting Colors

Hex(06E2CB)

Have a look what the booklet for  
Hex(06E2CB) contains.

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# Color

Hex(06E2CB)

# Conversions

## Conversions Part 1

Format	Color
Hex	06E2CB
RGB	6, 226, 203
RGB Percent	2%, 89%, 80%
CMY	0.9765, 0.1137, 0.2039
CMYK	0.97, 0.00, 0.10, 0.11
HSL	174°, 95%, 45%
HSV	174°, 97%, 89%
XYZ	38.0510, 58.7432, 65.8330
YIQ	157.5980, -123.7370, -53.7930

# Conversions

## Conversions Part 2

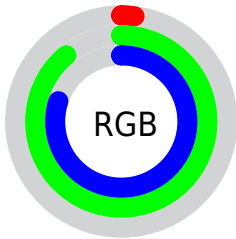
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 122, 226
Decimal	451275
CIELab	81.15, -50.24, -1.62
CIELCh	81, 50.270, 181.845
Yxy	58.7432, 0.2340, 0.3612
Android (android.graphics.Color)	4278641355 (0xFF06E2CB)
YUV	157.5980, 22.3832, -132.9514
Hunter-Lab	76.6441, -45.5086, 2.7241

# Details

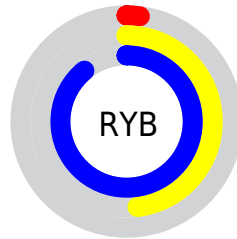
The Hex color **06E2CB** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **E2061D**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **70FFFF**, and **00AA95** is the 20% darker color. If you saturate the color by 10%, you get **00E2CA**, and if you desaturate by 10%, it is **1DE2CD**.

# Distribution



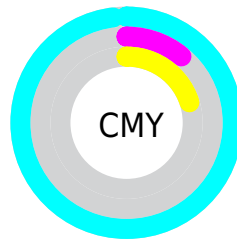
- Red (2%)
- Green (89%)
- Blue (80%)



- Red (2%)
- Yellow (48%)
- Blue (89%)



- Cyan (97%)
- Magenta (0%)
- Yellow (10%)
- Black (11%)



- Cyan (98%)
- Magenta (11%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 06E2CB 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 06E2CB by changing the saturation by 10% instead.



 06E2CB

 06E2CB

FFFFFF

 00C5B0

 70FFFF

 00AA95

 91FFFF

 008E7B

 B2FFFF

 007462

 D1FFFF

 005A4B

 F1FFFF

 004134

 002C1F

 000808

 000000

 06E2CB

 06E2CB

 00E2CA

 1DE2CD

 33E2D0

 4AE2D2

 60E2D4

 77E2D7

 8EE2D9

 A4E2DC

 BBE2DE

 D1E2E0

# Harmonies

## Analogous

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



78DE9B



06E2CB



00E1FA

# Triad

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



06E2CB



D2BCFF



FFB777

# Complementary

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



06E2CB



E2061D

# 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.



FFA89A



06E2CB



FFABF7

# Square

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



06E2CB



83CDFE



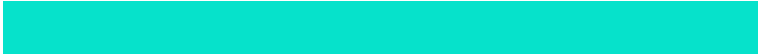
FFA3C8



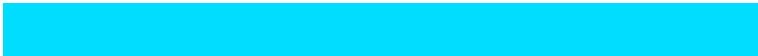
E4C86A

# Rectangle

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



06E2CB



00DDFF



FFA3C8



FFB281

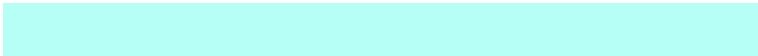


# Sweetspot

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



06E2CB



B5FFF7



20E206



53807B



000000



808080



# Same Dimension

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



06E2CB



00FFE4



068EE2



65706F



00B09E



00302B



# Inverse Universe

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



E2061D



FF001B



E25A06



706566



B00012

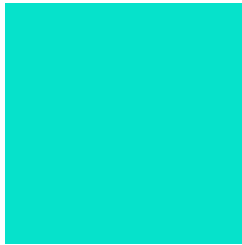


300005



# Previews

## White Background



This preview shows how the Hex color 06E2CB looks on a white background.

## Color Contrast Check

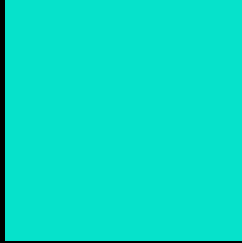
Large Text (above 18pt) WCAG AA × Fail

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 06E2CB 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 06E2CB Background



This preview shows how black text looks on a background with the Hex color 06E2CB.

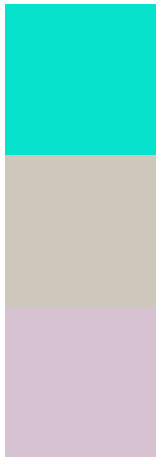


This preview shows how white text looks on a background with the Hex color 06E2CB.

# 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](#).

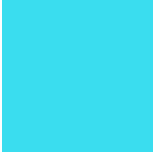
## Dichromacy



**Original Color**  
06E2CB

**Protanopia**  
CEC7BC

**Deuteranopia**  
D7C2D2



# Trichromacy



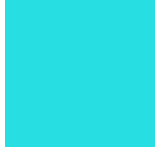
**Original Color**  
06E2CB



**Protanomaly**  
85D1C1

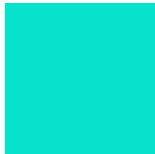


**Deuteranomaly**  
8BCECF



**Tritanomaly**  
27DFE2

# Monochromacy



**Original Color**  
06E2CB



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
67B7AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 06E2CB 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 #06E2CB looks like.

```
.text, #text, p{  
    color:#06E2CB  
}
```

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 #06E2CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06E2CB
}
```

## Border

The CSS property to change the border of an element to Hex 06E2CB 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
#06E2CB }
```

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

```
.border{ border-color:#06E2CB }
```

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

Here you see how a box with a 4 pixel #06E2CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06E2CB; -webkit-box-shadow:4px 4px  
4px 4px #06E2CB; box-shadow:4px 4px 4px  
4px #06E2CB }
```

# Background

The CSS property to change the background color of an element to Hex 06E2CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06E2CB }
```

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

```
.background{ background-color:#06E2CB }
```

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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