

Converting Colors

Hex(00EBC0)

Have a look what the booklet for
Hex(00EBC0) contains.

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Color

Hex(00EBC0)

Conversions

Conversions Part 1

Format	Color
Hex	00EBC0
RGB	0, 235, 192
RGB Percent	0%, 92%, 75%
CMY	1.0000, 0.0784, 0.2471
CMYK	1.00, 0.00, 0.18, 0.08
HSL	169°, 100%, 46%
HSV	169°, 100%, 92%
XYZ	39.2228, 63.2224, 60.0051
YIQ	159.8330, -126.2570, -63.1930

Conversions

Conversions Part 2

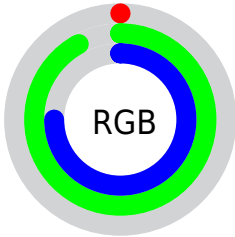
Format	Color
RYB	0, 129, 235
Decimal	60352
CIELab	83.56, -56.88, 7.68
CIELCh	84, 57.399, 172.310
Yxy	63.2224, 0.2414, 0.3892
Android (android.graphics.Color)	4278250432 (0xFF00EBC0)
YUV	159.8330, 15.8583, -140.1735
Hunter-Lab	79.5125, -51.0946, 10.9149

Details

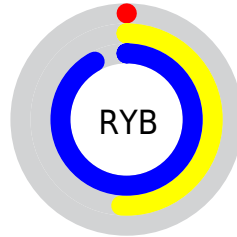
The Hex color **00EBC0** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed cyan. A complement of this color would be **EB002B**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **70FFF8**, and **00B28B** is the 20% darker color. If you saturate the color by 10%, you get **00EBC0**, and if you desaturate by 10%, it is **17EBC4**.

Distribution



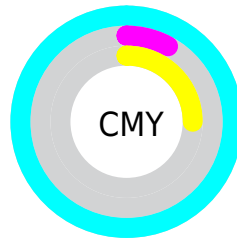
- Red (0%)
- Green (92%)
- Blue (75%)



- Red (0%)
- Yellow (51%)
- Blue (92%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (8%)



- Cyan (100%)
- Magenta (8%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00EBC0 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 00EBC0 by changing the saturation by 10% instead.

 00EBC0

 00EBC0

FFFFFF

 00CEA5

 70FFF8

 00B28B

 92FFFF

 009671

 B2FFFF

 007C59

 D2FFFF

 006141

 F2FFFF

 00482B

 003117

 001500

 000000

 00EBC0

 17EBC4

 2FEBC9

 47EBCD

 5EEBD1

 76EBD6

 8DEBDA

 A4EBDE

 BCEBE2

 D3EBE7

Harmonies

Analogous

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



88E58C



00EBC0



00ECF8

Triad

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



00EBC0



BEC8FF



FFB57C

Complementary

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



00EBC0



EB002B

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.



FFA5AA



00EBC0



FFB3FF

Square

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



00EBC0



47DAFF



FFA4E1



FDC863

Rectangle

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



00EBC0



00E9FF



FFA4E1



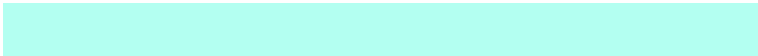
FFAF8A

Sweetspot

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



00EBC0



B3FFF1



2BEB00



528077



000000



808080

Same Dimension

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



00EBC0



00FFD0



00A1EB



6A7573



00B594



00362C

Inverse Universe

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



EB002B



FF002F



EB4A00



756A6C



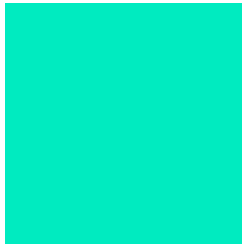
B50021



36000A

Previews

White Background



This preview shows how the Hex color 00EBC0 looks on a white background.

Color Contrast Check

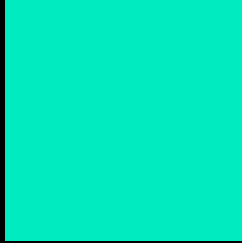
Large Text (above 18pt) WCAG AA × Fail

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 00EBC0 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 00EBC0 Background



This preview shows how black text looks on a background with the Hex color 00EBC0.



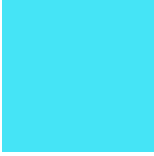
This preview shows how white text looks on a background with the Hex color 00EBC0.

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



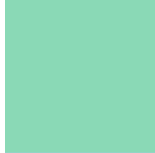


Tritanopia
45E4F6

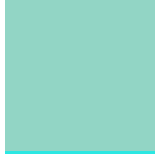
Trichromacy



Original Color
00EBC0



Protanomaly
8AD9B6



Deuteranomaly
92D5C5

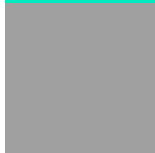


Tritanomaly
2CE7E2

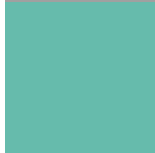
Monochromacy



Original Color
00EBC0



Achromatopsia
A0A0A0



Achromatomaly
66BBAC

CSS Examples

Text

The CSS property to change the color of the text to Hex 00EBC0 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 #00EBC0 looks like.

```
.text, #text, p{  
    color:#00EBC0  
}
```

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 #00EBC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00EBC0
}
```

Border

The CSS property to change the border of an element to Hex 00EBC0 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
#00EBC0 }
```

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

```
.border{ border-color:#00EBC0 }
```

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

Here you see how a box with a 4 pixel #00EBC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00EBC0; -webkit-box-shadow:4px 4px  
4px 4px #00EBC0; box-shadow:4px 4px 4px  
4px #00EBC0 }
```

Background

The CSS property to change the background color of an element to Hex 00EBC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00EBC0 }
```

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

```
.background{ background-color:#00EBC0 }
```

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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