

Converting Colors

Hex(00EB96)

Have a look what the booklet for
Hex(00EB96) contains.

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Color

Hex(00EB96)

Conversions

Conversions Part 1

Format	Color
Hex	00EB96
RGB	0, 235, 150
RGB Percent	0%, 92%, 59%
CMY	1.0000, 0.0784, 0.4118
CMYK	1.00, 0.00, 0.36, 0.08
HSL	158°, 100%, 46%
HSV	158°, 100%, 92%
XYZ	35.2134, 61.6187, 38.8918
YIQ	155.0450, -112.7750, -76.2550

Conversions

Conversions Part 2

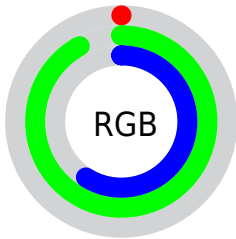
Format	Color
RYB	0, 143, 235
Decimal	60310
CIELab	82.71, -66.37, 28.29
CIELCh	83, 72.142, 156.916
Yxy	61.6187, 0.2594, 0.4540
Android (android.graphics.Color)	4278250390 (0xFF00EB96)
YUV	155.0450, -2.4872, -135.9745
Hunter-Lab	78.4976, -57.2971, 25.5729

Details

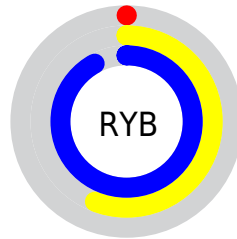
The Hex color **00EB96** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **EB0055**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **6EFFCD**, and **00B262** is the 20% darker color. If you saturate the color by 10%, you get **00EB96**, and if you desaturate by 10%, it is **17EB9E**.

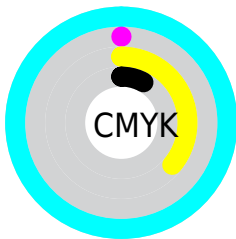
Distribution



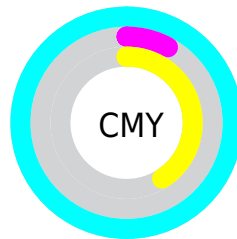
- Red (0%)
- Green (92%)
- Blue (59%)



- Red (0%)
- Yellow (56%)
- Blue (92%)



- Cyan (100%)
- Magenta (0%)
- Yellow (36%)
- Black (8%)



- Cyan (100%)
- Magenta (8%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00EB96 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 00EB96 by changing the saturation by 10% instead.

 00EB96

 00EB96

FFFFFF

 00CE7C

 6EFFCD

 00B262

 90FFE9

 00964A

 B0FFFF


 007B32

 D0FFFF

 00601B

 F0FFFF

 004703

 002F00

 001100

 000000

 00EB96

 17EB9E

 2FEBA7

 47EBAF

 5EEBB8

 76EBC0

 8DEBC9

 A4EBD1

 BCEBDA

 D3EBE3

Harmonies

Analogous

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



9CE15A



00EB96



00EFDC

Triad

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



00EB96



5DD0FF



FF9D80

Complementary

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



00EB96



EB0055

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.



FF8FC1



00EB96



E6B5FF

Square

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



00EB96



00E3FF



FF9AFF



FFB74D

Rectangle

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



00EB96



00EEFF



FF9AFF



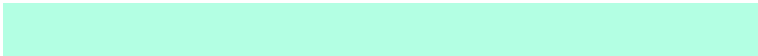
FF9694

Sweetspot

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



00EB96



B3FFE3



56EB00



52806F



000000



808080

Same Dimension

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



00EB96



00FFA3



00CCEB



6A7571



00B574



003622

Inverse Universe

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



EB0055



FF005C



EB1F00



756A6E



B50041



360013

Previews

White Background



This preview shows how the Hex color 00EB96 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 00EB96 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

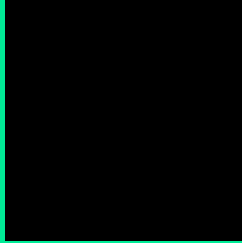
Any Text WCAG AA ✓ Pass

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 00EB96 Background



This preview shows how black text looks on a background with the Hex color 00EB96.

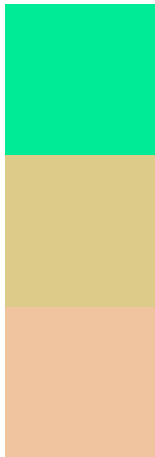


This preview shows how white text looks on a background with the Hex color 00EB96.

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](#).

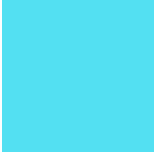
Dichromacy



Original Color
00EB96

Protanopia
DDCC89

Deuteranopia
EFC49F



Tritanopia
53E0F2

Trichromacy



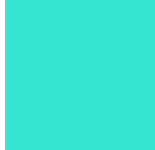
Original Color
00EB96



Protanomaly
8DD78E



Deuteranomaly
98D29C



Tritanomaly
35E4D1

Monochromacy



Original Color
00EB96



Achromatopsia
9B9B9B



Achromatomaly
63B899

CSS Examples

Text

The CSS property to change the color of the text to Hex 00EB96 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 #00EB96 looks like.

```
.text, #text, p{  
    color:#00EB96  
}
```

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 #00EB96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00EB96
}
```

Border

The CSS property to change the border of an element to Hex 00EB96 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
#00EB96 }
```

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

```
.border{ border-color:#00EB96 }
```

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

Here you see how a box with a 4 pixel #00EB96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00EB96; -webkit-box-shadow:4px 4px  
4px 4px #00EB96; box-shadow:4px 4px 4px  
4px #00EB96 }
```

Background

The CSS property to change the background color of an element to Hex 00EB96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00EB96 }
```

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

```
.background{ background-color:#00EB96 }
```

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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