

Converting Colors

Hex(00EFBF)

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

Hex(00EFBF)	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(00EFBF)

Conversions

Conversions Part 1

Format	Color
Hex	00EFBF
RGB	0, 239, 191
RGB Percent	0%, 94%, 75%
CMY	1.0000, 0.0627, 0.2510
CMYK	1.00, 0.00, 0.20, 0.06
HSL	168°, 100%, 47%
HSV	168°, 100%, 94%
XYZ	40.2705, 65.4946, 59.8095
YIQ	162.0670, -127.0360, -65.5960

Conversions

Conversions Part 2

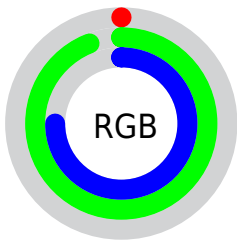
Format	Color
RYB	0, 133, 239
Decimal	61375
CIELab	84.74, -58.68, 9.89
CIElCh	85, 59.506, 170.432
Yxy	65.4946, 0.2432, 0.3956
Android (android.graphics.Color)	4278251455 (0xFF00EFBF)
YUV	162.0670, 14.2640, -142.1328
Hunter-Lab	80.9287, -52.8029, 12.8325

Details

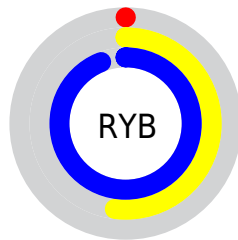
The Hex color **00EFBF** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **EF0030**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **70FFF7**, and **00B68A** is the 20% darker color. If you saturate the color by 10%, you get **00EFBF**, and if you desaturate by 10%, it is **18EFC4**.

Distribution



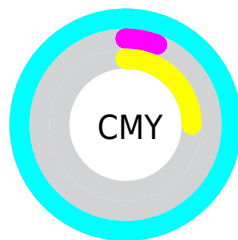
- Red (0%)
- Green (94%)
- Blue (75%)



- Red (0%)
- Yellow (52%)
- Blue (94%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (6%)



- Cyan (100%)
- Magenta (6%)
- Yellow (25%)

Brightness & Saturation Gradients

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

 00EFBF

FFFFFF

 70FFF7

 93FFFF

 B3FFFF

 D3FFFF

 F3FFFF

 00EFBF

 00D2A4

 00B68A

 009A70

 007F58

 006540

 004B2A

 003416

 001900

 000000

 00EFCF

 18EFC4

 30EFC9

 48EFCB

 60EFD2

 77EFD7

 8FEFDC

 A7EFE1

 BFEFE5

 D7EFEA

Harmonies

Analogous

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



8DE989



00EFBF



00F0F9

Triad

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



00E9BF



BBC0FF



FFA500

Complementary

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



00E9BF



EF0030

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.



FFA6AF



00EFBF



FFB6FF

Square

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



00E9BF



2BD9FF



FFA6E8



FFC962

Rectangle

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



00EFBF



00EDFF



FFA6E8



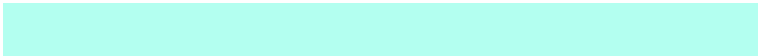
FFAF8D

Sweetspot

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



00E9BF



B3FFF0



34EF00



528076



000000



808080

Same Dimension

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



00EFBF



00FFCC



00ABEF



6C7875



00B893



00382D

Inverse Universe

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



EF0030



FF0033



EF4400



786C6E



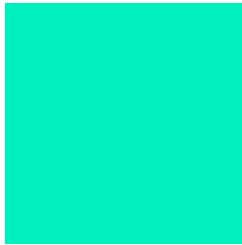
B80025



38000B

Previews

White Background



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

Color Contrast Check

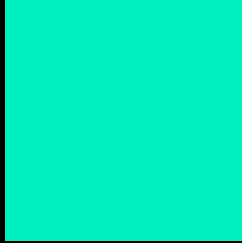
Large Text (above 18pt) WCAG AA × Fail

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 00EFBF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

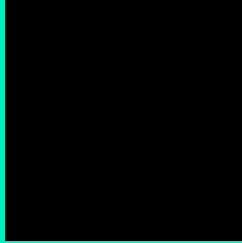
Any Text WCAG AA ✓ Pass

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 00EFBF Background



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

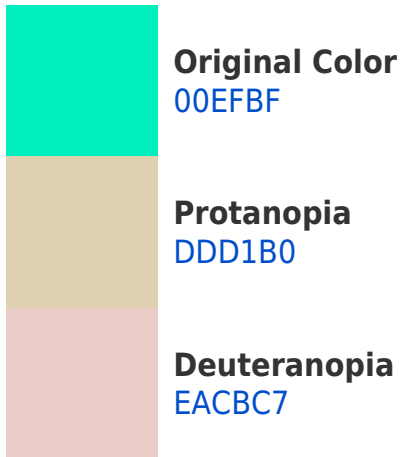


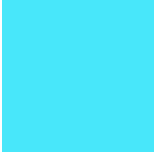
This preview shows how white text looks on a background with the Hex color 00EFBF.

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](#).

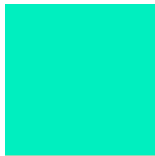
Dichromacy



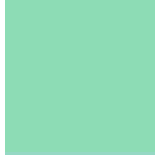


Tritanopia
48E7FA

Trichromacy



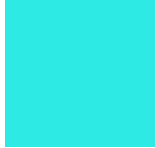
Original Color
00E9BF



Protanomaly
8DDCB5



Deuteranomaly
95D8C4

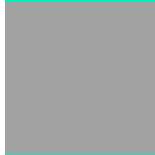


Tritanomaly
2EEAE5

Monochromacy



Original Color
00E9BF



Achromatopsia
A2A2A2



Achromatomaly
67BEAD

CSS Examples

Text

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

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

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 #00EFBF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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