

Converting Colors

Hex(04EB97)

Have a look what the booklet for
Hex(04EB97) contains.

Hex(04EB97)	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(04EB97)

Conversions

Conversions Part 1

Format	Color
Hex	04EB97
RGB	4, 235, 151
RGB Percent	2%, 92%, 59%
CMY	0.9843, 0.0784, 0.4078
CMYK	0.98, 0.00, 0.36, 0.08
HSL	158°, 97%, 47%
HSV	158°, 98%, 92%
XYZ	35.3443, 61.6768, 39.3201
YIQ	156.3550, -110.7120, -75.0960

Conversions

Conversions Part 2

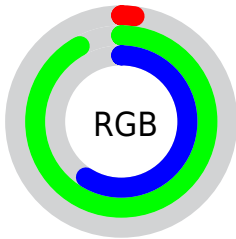
Format	Color
RYB	4, 145, 235
Decimal	322455
CIELab	82.74, -66.06, 27.82
CIELCh	83, 71.675, 157.161
Yxy	61.6768, 0.2592, 0.4524
Android (android.graphics.Color)	4278512535 (0xFF04EB97)
YUV	156.3550, -2.6400, -133.6153
Hunter-Lab	78.5346, -57.1020, 25.2893

Details

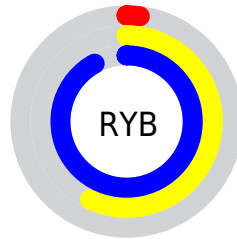
The Hex color **04EB97** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **EB0458**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **6FFFCE**, and **00B263** is the 20% darker color. If you saturate the color by 10%, you get **00EB96**, and if you desaturate by 10%, it is **1BEB A0**.

Distribution



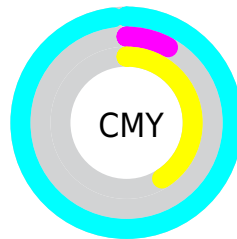
- Red (2%)
- Green (92%)
- Blue (59%)



- Red (2%)
- Yellow (57%)
- Blue (92%)



- Cyan (98%)
- Magenta (0%)
- Yellow (36%)
- Black (8%)



- Cyan (98%)
- Magenta (8%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04EB97 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 04EB97 by changing the saturation by 10% instead.

 04EB97

FFFFFF

 6FFFCF

 90FFEA

 B1FFFF

 D1FFFF

 F0FFFF

 04EB97

 00CE7D

 00B263

 00964B

 007B33

 00601C

 004704

 002F00

 001100

 000000

 04EB97

 04EB97

 00EB96

 1BEBA0

 33EBA8

 4BEBB1

 62EBB9

 7AEBC2

 91EBCA

 A9EBD3

 C0EBDB

 D8EBE4

Harmonies

Analogous

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



9CE15C



04EB97



00EFDD

Triad

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



04EB97



61D0FF



FF9E80

Complementary

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



04EB97



EB0458

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.



FF90C0



04EB97



E6B5FF

Square

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



04EB97



00E3FF



FF9AFF



FFB84E

Rectangle

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



04EB97



00EEFF



FF9AFF



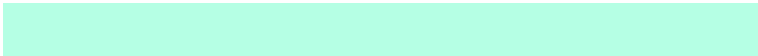
FF9794

Sweetspot

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



04EB97



B5FFE4



59EB04



53806F



000000



808080

Same Dimension

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



04EB97



00FFA2



04CCEB



6A7571



00B573



003622

Inverse Universe

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



EB0458



FF005D



EB2304



756A6E



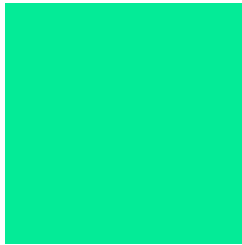
B50042



360013

Previews

White Background



This preview shows how the Hex color 04EB97 looks on a white background.

Color Contrast Check

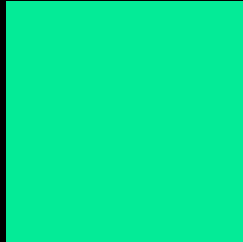
Large Text (above 18pt) WCAG AA × Fail

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 04EB97 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 04EB97 Background



This preview shows how black text looks on a background with the Hex color 04EB97.

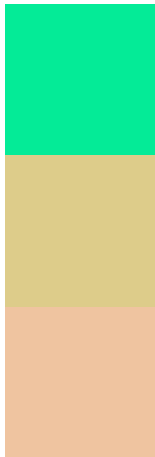


This preview shows how white text looks on a background with the Hex color 04EB97.

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](#).

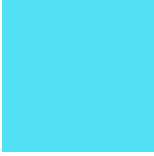
Dichromacy



Original Color
04EB97

Protanopia
DDCC8A

Deuteranopia
EFC4A0



Tritanopia
53E0F2

Trichromacy



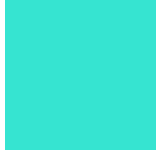
Original Color
04EB97



Protanomaly
8ED78F

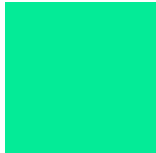


Deuteranomaly
9AD29D



Tritanomaly
36E4D1

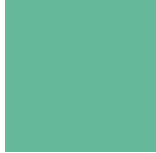
Monochromacy



Original Color
04EB97



Achromatopsia
9C9C9C



Achromatomaly
65B99A

CSS Examples

Text

The CSS property to change the color of the text to Hex 04EB97 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 #04EB97 looks like.

```
.text, #text, p{  
    color:#04EB97  
}
```

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 #04EB97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04EB97
}
```

Border

The CSS property to change the border of an element to Hex 04EB97 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
#04EB97 }
```

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

```
.border{ border-color:#04EB97 }
```

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

Here you see how a box with a 4 pixel #04EB97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04EB97; -webkit-box-shadow:4px 4px  
4px 4px #04EB97; box-shadow:4px 4px 4px  
4px #04EB97 }
```

Background

The CSS property to change the background color of an element to Hex 04EB97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04EB97 }
```

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

```
.background{ background-color:#04EB97 }
```

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