

Converting Colors

Hex(00E788)

Have a look what the booklet for
Hex(00E788) contains.

Hex(00E788)	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(00E788)

Conversions

Conversions Part 1

Format	Color
Hex	00E788
RGB	0, 231, 136
RGB Percent	0%, 91%, 53%
CMY	1.0000, 0.0941, 0.4667
CMYK	1.00, 0.00, 0.41, 0.09
HSL	155°, 100%, 45%
HSV	155°, 100%, 91%
XYZ	33.0198, 58.9294, 32.9267
YIQ	151.1010, -107.1810, -78.5170

Conversions

Conversions Part 2

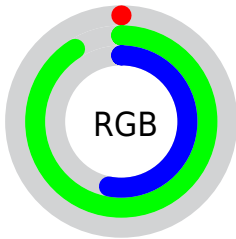
Format	Color
RYB	0, 145, 231
Decimal	59272
CIELab	81.25, -67.70, 33.43
CIELCh	81, 75.507, 153.718
Yxy	58.9294, 0.2644, 0.4719
Android (android.graphics.Color)	4278249352 (0xFF00E788)
YUV	151.1010, -7.4448, -132.5156
Hunter-Lab	76.7655, -57.5598, 28.3048

Details

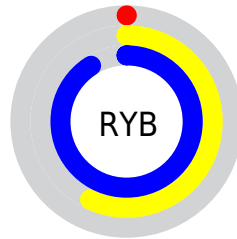
The Hex color **00E788** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **E7005F**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **6DFFBE**, and **00AE55** is the 20% darker color. If you saturate the color by 10%, you get **00E788**, and if you desaturate by 10%, it is **17E792**.

Distribution



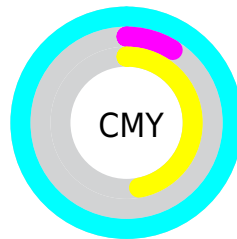
- Red (0%)
- Green (91%)
- Blue (53%)



- Red (0%)
- Yellow (57%)
- Blue (91%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (9%)



- Cyan (100%)
- Magenta (9%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E788 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 00E788 by changing the saturation by 10% instead.

 00E788

FFFFFF

 6DFFBE

 8FFFDA

 AFFFF7

 CEFFFF

 EEEFFF

 00E788

 00CA6E

 00AE55

 00923C

 007724

 005D0B

 004300

 002B00

 000900

 000000

 00E788

 17E792

 2EE79B

 45E7A5

 5CE7AE

 74E7B8

 8BE7C1

 A2E7CB

 B9E7D4

 D0E7DE

Harmonies

Analogous

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



9DDC4A



00E788



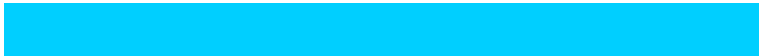
00ECD1

Triad

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



00E788



00CFFF



FF937F

Complementary

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



00E788



E7005F

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.



FF86C4



00E788



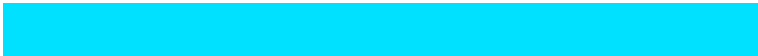
D7B3FF

Square

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



00E788



00E1FF



FF95FF



FFAF47

Rectangle

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



00E788



00EBFF



FF95FF



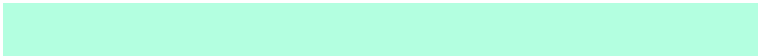
FF8C95

Sweetspot

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



00E788



B3FFE0



60E700



52806D



000000



808080

Same Dimension

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



00E788



00FF96



00D4E7



67736E



00B369



00331E

Inverse Universe

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



E7005F



FF0069



E71300



73676C



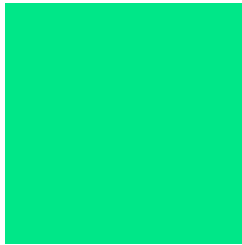
B30049



330015

Previews

White Background



This preview shows how the Hex color 00E788 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



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 00E788 Background



This preview shows how black text looks on a background with the Hex color 00E788.

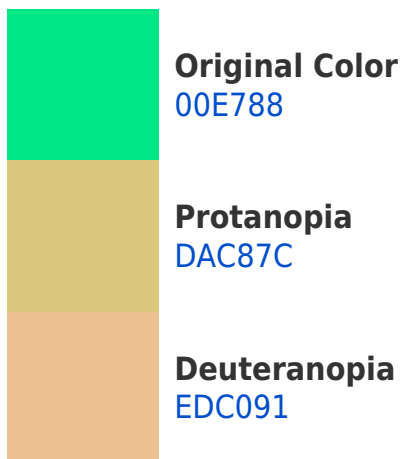


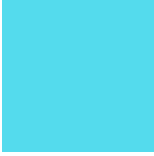
This preview shows how white text looks on a background with the Hex color 00E788.

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
54DBED

Trichromacy



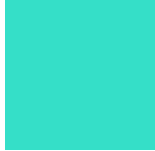
Original Color
00E788



Protanomaly
8BD380



Deuteranomaly
97CE8E



Tritanomaly
35DFC8

Monochromacy



Original Color
00E788



Achromatopsia
979797



Achromatomaly
60B492

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E788 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 #00E788 looks like.

```
.text, #text, p{  
    color:#00E788  
}
```

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 #00E788 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E788
}
```

Border

The CSS property to change the border of an element to Hex 00E788 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
#00E788 }
```

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

```
.border{ border-color:#00E788 }
```

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

Here you see how a box with a 4 pixel #00E788 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E788; -webkit-box-shadow:4px 4px  
4px 4px #00E788; box-shadow:4px 4px 4px  
4px #00E788 }
```

Background

The CSS property to change the background color of an element to Hex 00E788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E788 }
```

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

```
.background{ background-color:#00E788 }
```

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