

Converting Colors

Hex(00E996)

Have a look what the booklet for
Hex(00E996) contains.

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Color

Hex(00E996)

Conversions

Conversions Part 1

Format	Color
Hex	00E996
RGB	0, 233, 150
RGB Percent	0%, 91%, 59%
CMY	1.0000, 0.0863, 0.4118
CMYK	1.00, 0.00, 0.36, 0.09
HSL	159°, 100%, 46%
HSV	159°, 100%, 91%
XYZ	34.6439, 60.4798, 38.7020
YIQ	153.8710, -112.2250, -75.2090

Conversions

Conversions Part 2

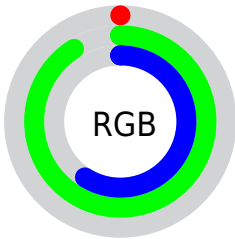
Format	Color
RYB	0, 142, 233
Decimal	59798
CIELab	82.10, -65.67, 27.46
CIELCh	82, 71.185, 157.308
Yxy	60.4798, 0.2589, 0.4519
Android (android.graphics.Color)	4278249878 (0xFF00E996)
YUV	153.8710, -1.9084, -134.9449
Hunter-Lab	77.7688, -56.5783, 24.9322

Details

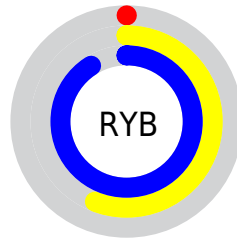
The Hex color **00E996** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **E90053**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **6EFFCD**, and **00B062** is the 20% darker color. If you saturate the color by 10%, you get **00E996**, and if you desaturate by 10%, it is **17E99E**.

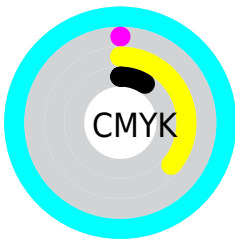
Distribution



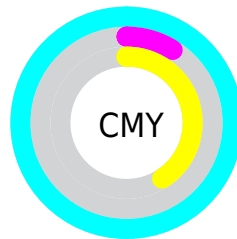
- Red (0%)
- Green (91%)
- Blue (59%)



- Red (0%)
- Yellow (56%)
- Blue (91%)



- Cyan (100%)
- Magenta (0%)
- Yellow (36%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00E996 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 00E996 by changing the saturation by 10% instead.

 00E996

 00E996


FFFFFF

 00CC7C

 6EFFCD

 00B062

 8FFFE9

 00944A

 B0FFFF

 007932

 CFFFFFF

 005F1B

 EFFFFFF

 004503

 002D00

 000E00

 000000

 00E996

 17E99E

 2FE9A7

 46E9AF

 5DE9B7

 75E9C0

 8CE9C8

 A3E9D0

 BAE9D8

 D2E9E1

Harmonies

Analogous

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



9ADF5B



00E996



00EDDB

Triad

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



00E996



61CEFF



FF9C7F

Complementary

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



00E996



E90053

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.



FF8EBE



00E996



E5B4FF

Square

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



00E996



00E1FF



FF99FF



FFB64D

Rectangle

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



00E996



00ECFF



FF99FF



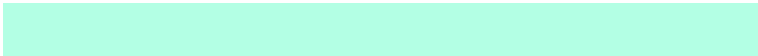
FF9593

Sweetspot

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



00E996



B3FFE4



55E900



52806F



000000



808080

Same Dimension

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



00E996



00FFA4



00CAE9



6A7571



00B575



003622

Inverse Universe

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



E90053



FF005B



E91F00



756A6E



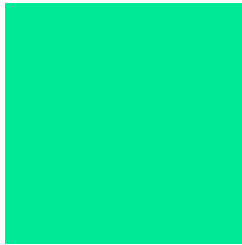
B50040



360013

Previews

White Background



This preview shows how the Hex color 00E996 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 00E996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

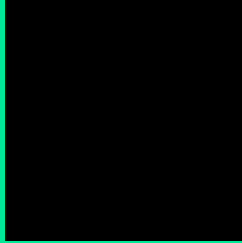
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

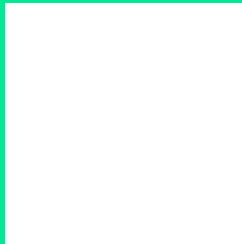
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00E996 Background



This preview shows how black text looks on a background with the Hex color 00E996.

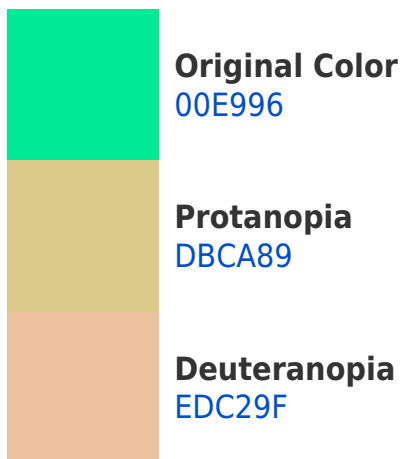


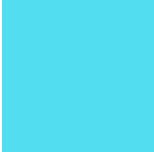
This preview shows how white text looks on a background with the Hex color 00E996.

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
52DEF0

Trichromacy



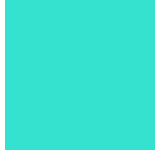
Original Color
00E996



Protanomaly
8BD58E



Deuteranomaly
97D09C



Tritanomaly
34E2CF

Monochromacy



Original Color
00E996



Achromatopsia
9A9A9A



Achromatomaly
62B799

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E996 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 #00E996 looks like.

```
.text, #text, p{  
    color:#00E996  
}
```

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 #00E996 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E996
}
```

Border

The CSS property to change the border of an element to Hex 00E996 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
#00E996 }
```

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

```
.border{ border-color:#00E996 }
```

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

Here you see how a box with a 4 pixel #00E996 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E996; -webkit-box-shadow:4px 4px  
4px 4px #00E996; box-shadow:4px 4px 4px  
4px #00E996 }
```

Background

The CSS property to change the background color of an element to Hex 00E996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E996 }
```

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

```
.background{ background-color:#00E996 }
```

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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