

Converting Colors

Hex(00E995)

Have a look what the booklet for
Hex(00E995) contains.

Hex(00E995)	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(00E995)

Conversions

Conversions Part 1

Format	Color
Hex	00E995
RGB	0, 233, 149
RGB Percent	0%, 91%, 58%
CMY	1.0000, 0.0863, 0.4157
CMYK	1.00, 0.00, 0.36, 0.09
HSL	158°, 100%, 46%
HSV	158°, 100%, 91%
XYZ	34.5637, 60.4478, 38.2797
YIQ	153.7570, -111.9040, -75.5200

Conversions

Conversions Part 2

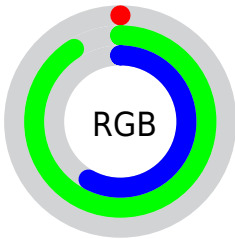
Format	Color
RYB	0, 142, 233
Decimal	59797
CIELab	82.08, -65.88, 27.95
CIELCh	82, 71.560, 157.010
Yxy	60.4478, 0.2593, 0.4535
Android (android.graphics.Color)	4278249877 (0xFF00E995)
YUV	153.7570, -2.3452, -134.8449
Hunter-Lab	77.7482, -56.7053, 25.2320

Details

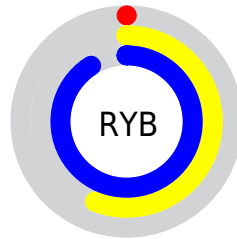
The Hex color **00E995** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **E90054**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **6EFFCC**, and **00B061** is the 20% darker color. If you saturate the color by 10%, you get **00E995**, and if you desaturate by 10%, it is **17E99D**.

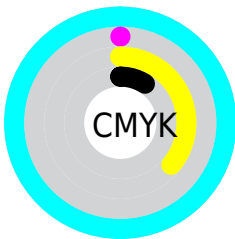
Distribution



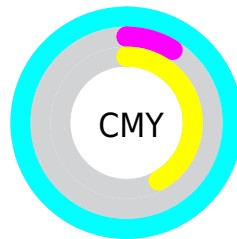
- Red (0%)
- Green (91%)
- Blue (58%)



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



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



- Cyan (100%)
- Magenta (9%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E995 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 00E995 by changing the saturation by 10% instead.

 00E995

FFFFFF

 6EFFCC

 8FFFE8

 B0FFFF


 CFFFFFF

 EFFFFFF

 00E995

 00CC7B

 00B061

 009449

 007931

 005F1A

 004502

 002D00

 000E00

 000000

 00E995

 17E99D

 2FE9A6

 46E9AE

 5DE9B7

 75E9BF

 8CE9C7

 A3E9D0

 BAE9D8

 D2E9E1

Harmonies

Analogous

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



9ADF5A



00E995



00EDDA

Triad

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



00E995



5ECEFF



FF9C7F

Complementary

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



00E995



E90054

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.



FF8EBF



00E995



E4B4FF

Square

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



00E995



00E1FF



FF99FF



FFB64D

Rectangle

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



00E995



00ECFF



FF99FF



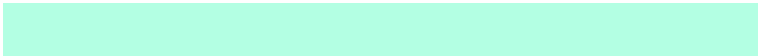
FF9593

Sweetspot

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



00E995



B3FFE3



55E900



52806F



000000



808080

Same Dimension

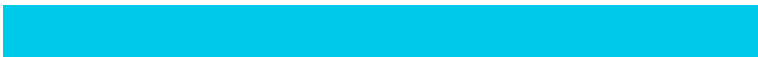
The Same Dimension uses a secret algorithm to generate beautiful new colors.



00E995



00FFA3



00CAE9



6A7571



00B574



003622

Inverse Universe

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



E90054



FF005C



E91F00



756A6E



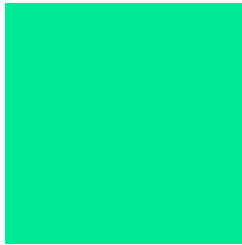
B50041



360013

Previews

White Background



This preview shows how the Hex color 00E995 looks on a white background.

Color Contrast Check

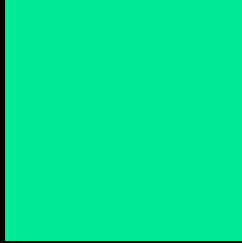
Large Text (above 18pt) WCAG AA × Fail

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 00E995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

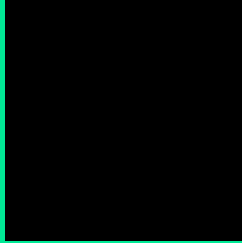
Any Text WCAG AA ✓ Pass

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 00E995 Background



This preview shows how black text looks on a background with the Hex color 00E995.

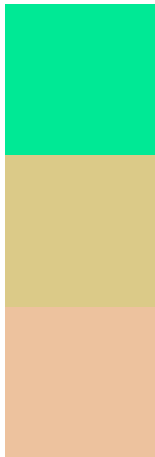


This preview shows how white text looks on a background with the Hex color 00E995.

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](#).

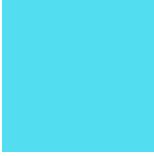
Dichromacy



Original Color
00E995

Protanopia
D8C888

Deuteranopia
E8C888



Tritanopia
52DEF0

Trichromacy



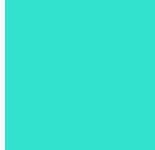
Original Color
00E995



Protanomaly
8BD58D



Deuteranomaly
97D09B



Tritanomaly
34E2CF

Monochromacy



Original Color
00E995



Achromatopsia
9A9A9A



Achromatomaly
62B798

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E995 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 #00E995 looks like.

```
.text, #text, p{  
    color:#00E995  
}
```

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 #00E995 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E995
}
```

Border

The CSS property to change the border of an element to Hex 00E995 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
#00E995 }
```

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

```
.border{ border-color:#00E995 }
```

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

Here you see how a box with a 4 pixel #00E995 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E995; -webkit-box-shadow:4px 4px  
4px 4px #00E995; box-shadow:4px 4px 4px  
4px #00E995 }
```

Background

The CSS property to change the background color of an element to Hex 00E995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E995 }
```

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

```
.background{ background-color:#00E995 }
```

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