

Converting Colors

Hex(00E894)

Have a look what the booklet for
Hex(00E894) contains.

Hex(00E894)	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(00E894)

Conversions

Conversions Part 1

Format	Color
Hex	00E894
RGB	0, 232, 148
RGB Percent	0%, 91%, 58%
CMY	1.0000, 0.0902, 0.4196
CMYK	1.00, 0.00, 0.36, 0.09
HSL	158°, 100%, 45%
HSV	158°, 100%, 91%
XYZ	34.2019, 59.8513, 37.7668
YIQ	153.0560, -111.3080, -75.3080

Conversions

Conversions Part 2

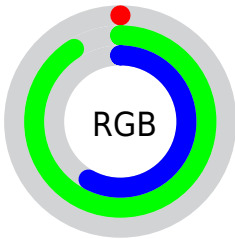
Format	Color
RYB	0, 142, 232
Decimal	59540
CIELab	81.76, -65.73, 28.02
CIELCh	82, 71.455, 156.909
Yxy	59.8513, 0.2595, 0.4540
Android (android.graphics.Color)	4278249620 (0xFF00E894)
YUV	153.0560, -2.4926, -134.2301
Hunter-Lab	77.3637, -56.4728, 25.2108

Details

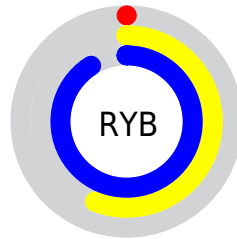
The Hex color **00E894** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **E80054**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **6DFFCB**, and **00AF61** is the 20% darker color. If you saturate the color by 10%, you get **00E894**, and if you desaturate by 10%, it is **17E89C**.

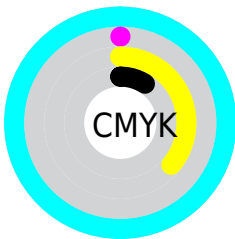
Distribution



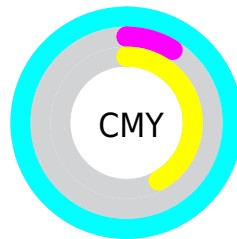
- Red (0%)
- Green (91%)
- Blue (58%)



- 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 00E894 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 00E894 by changing the saturation by 10% instead.

 00E894

 00E894


FFFFFF

 00CB7A

 6DFFCB

 00AF61

 8FFFE7

 009348

 AFFFFFF

 007831

 CFFFFFF

 005E19

 EFFFFFF

 004401

 002C00

 000C00

 000000

 00E894

 17E89C

 2EE8A5

 46E8AD

 5DE8B6

 74E8BE

 8BE8C6

 A2E8CF

 BAE8D7

 D1E8E0

Harmonies

Analogous

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



9ADE59



00E894



00ECD9

Triad

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



00E894



5CCEFF



FF9B7E

Complementary

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



00E894



E80054

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.



FF8DBE



00E894



E3B3FF

Square

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



00E894



00E0FF



FF98FF



FFB54C

Rectangle

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



00E894



00EBFF



FF98FF



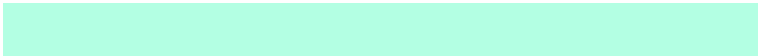
FF9493

Sweetspot

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



00E894



B3FFE3



55E800



52806F



000000



808080

Same Dimension

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



00E894



00FFA3



00C9E8



67736F



00B372



003321

Inverse Universe

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



E80054



FF005C



E81F00



73676B



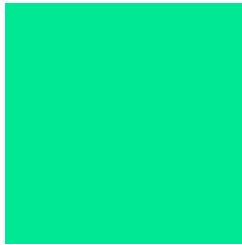
B30041



330012

Previews

White Background



This preview shows how the Hex color 00E894 looks on a white background.

Color Contrast Check

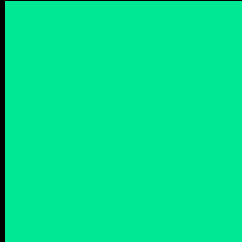
Large Text (above 18pt) WCAG AA × Fail

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 00E894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

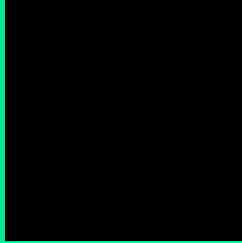
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

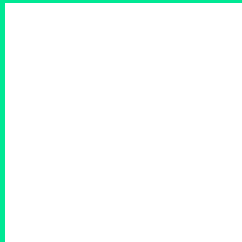
Any Text WCAG AAA ✓ Pass

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

Hex 00E894 Background



This preview shows how black text looks on a background with the Hex color 00E894.

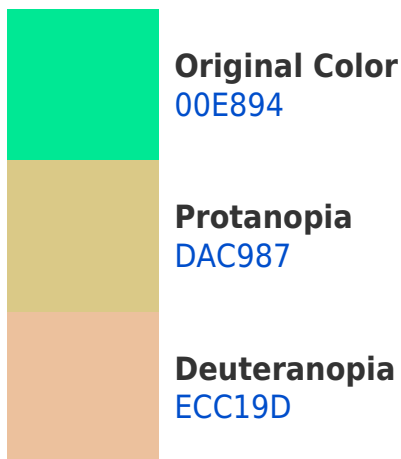


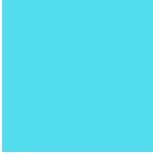
This preview shows how white text looks on a background with the Hex color 00E894.

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
52DDEF

Trichromacy



Original Color
00E894



Protanomaly
8BD48C



Deuteranomaly
96CF9A



Tritanomaly
34E1CE

Monochromacy



Original Color
00E894



Achromatopsia
999999



Achromatomaly
61B697

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E894 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 #00E894 looks like.

```
.text, #text, p{  
    color:#00E894  
}
```

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 #00E894 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E894
}
```

Border

The CSS property to change the border of an element to Hex 00E894 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
#00E894 }
```

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

```
.border{ border-color:#00E894 }
```

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

Here you see how a box with a 4 pixel #00E894 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E894; -webkit-box-shadow:4px 4px  
4px 4px #00E894; box-shadow:4px 4px 4px  
4px #00E894 }
```

Background

The CSS property to change the background color of an element to Hex 00E894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E894 }
```

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

```
.background{ background-color:#00E894 }
```

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