

Converting Colors

Hex(00EE88)

Have a look what the booklet for
Hex(00EE88) contains.

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Color

Hex(00EE88)

Conversions

Conversions Part 1

Format	Color
Hex	00EE88
RGB	0, 238, 136
RGB Percent	0%, 93%, 53%
CMY	1.0000, 0.0667, 0.4667
CMYK	1.00, 0.00, 0.43, 0.07
HSL	154°, 100%, 47%
HSV	154°, 100%, 93%
XYZ	35.0185, 62.9266, 33.5929
YIQ	155.2100, -109.1060, -82.1780

Conversions

Conversions Part 2

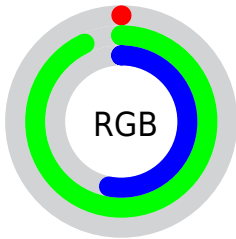
Format	Color
RYB	0, 151, 238
Decimal	61064
CIELab	83.40, -70.02, 36.24
CIELCh	83, 78.843, 152.633
Yxy	62.9266, 0.2662, 0.4784
Android (android.graphics.Color)	4278251144 (0xFF00EE88)
YUV	155.2100, -9.4705, -136.1192
Hunter-Lab	79.3263, -60.0225, 30.4204

Details

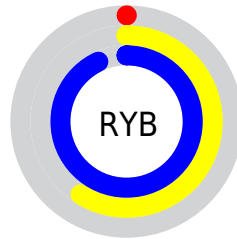
The Hex color **00EE88** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **EE0066**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **6FFFBE**, and **00B455** is the 20% darker color. If you saturate the color by 10%, you get **00EE88**, and if you desaturate by 10%, it is **18EE92**.

Distribution



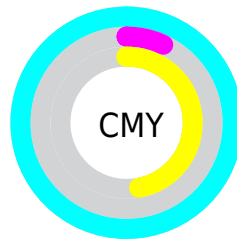
- Red (0%)
- Green (93%)
- Blue (53%)



- Red (0%)
- Yellow (59%)
- Blue (93%)



- Cyan (100%)
- Magenta (0%)
- Yellow (43%)
- Black (7%)



- Cyan (100%)
- Magenta (7%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00EE88 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 00EE88 by changing the saturation by 10% instead.

 00EE88

 00EE88

FFFFFF

 00D16E

 6FFFBE

 00B455

 91FFDA

 00993C

 B1FFF7

 007D23

 D1FFFF

 006308

 F1FFFF

 004900

 003100

 001400

 000000

 00EE88

 18EE92

 30EE9C

 47EEA7

 5FEEB1

 77EEBB

 8FEEC5

 A7EECF

 BEEEDA

 D6EEE4

Harmonies

Analogous

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



A4E247



00EE88



00F3D4

Triad

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



00EE88



00D6FF



FF9584

Complementary

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



00EE88



EE0066

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.



FF88CC



00EE88



D9B9FF

Square

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



00EE88



00E9FF



FF99FF



FFB248

Rectangle

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



00EE88



00F3FF



FF99FF



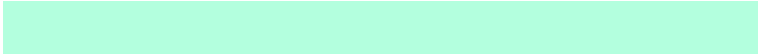
FF8E9B

Sweetspot

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



00EE88



B3FFDE



67EE00



52806C



000000



808080

Same Dimension

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



00EE88



00FF92



00DEEE



6C7873



00B869



003820

Inverse Universe

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



EE0066



FF006D



EE1000



786C71



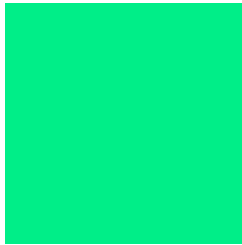
B8004F



380018

Previews

White Background



This preview shows how the Hex color 00EE88 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 00EE88 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 00EE88 Background



This preview shows how black text looks on a background with the Hex color 00EE88.

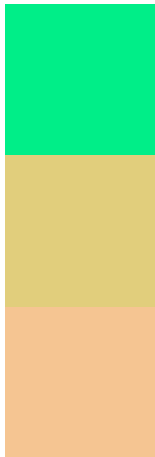


This preview shows how white text looks on a background with the Hex color 00EE88.

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](#).

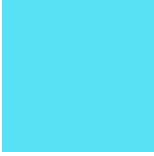
Dichromacy



Original Color
00EE88

Protanopia
E1CE7C

Deuteranopia
F5C592



Tritanopia
58E1F4

Trichromacy



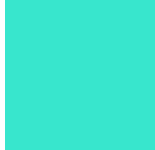
Original Color
00EE88



Protanomaly
8FDA80



Deuteranomaly
9CD48E



Tritanomaly
38E6CD

Monochromacy



Original Color
00EE88



Achromatopsia
9B9B9B



Achromatomaly
63B994

CSS Examples

Text

The CSS property to change the color of the text to Hex 00EE88 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 #00EE88 looks like.

```
.text, #text, p{  
    color:#00EE88  
}
```

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 #00EE88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00EE88
}
```

Border

The CSS property to change the border of an element to Hex 00EE88 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
#00EE88 }
```

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

```
.border{ border-color:#00EE88 }
```

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

Here you see how a box with a 4 pixel #00EE88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00EE88; -webkit-box-shadow:4px 4px  
4px 4px #00EE88; box-shadow:4px 4px 4px  
4px #00EE88 }
```

Background

The CSS property to change the background color of an element to Hex 00EE88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00EE88 }
```

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

```
.background{ background-color:#00EE88 }
```

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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