

Converting Colors

Hex(00E17D)

Have a look what the booklet for
Hex(00E17D) contains.

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Color

Hex(00E17D)

Conversions

Conversions Part 1

Format	Color
Hex	00E17D
RGB	0, 225, 125
RGB Percent	0%, 88%, 49%
CMY	1.0000, 0.1176, 0.5098
CMYK	1.00, 0.00, 0.44, 0.12
HSL	153°, 100%, 44%
HSV	153°, 100%, 88%
XYZ	30.6269, 55.3311, 28.4678
YIQ	146.3250, -102.0000, -78.8000

Conversions

Conversions Part 2

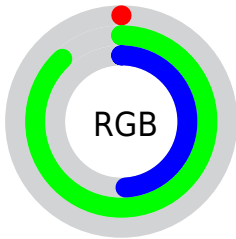
Format	Color
RYB	0, 145, 225
Decimal	57725
CIELab	79.23, -67.69, 36.30
CIELCh	79, 76.815, 151.795
Yxy	55.3311, 0.2677, 0.4836
Android (android.graphics.Color)	4278247805 (0xFF00E17D)
YUV	146.3250, -10.5132, -128.3270
Hunter-Lab	74.3849, -56.6788, 29.3786

Details

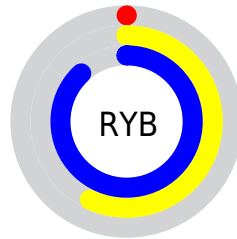
The Hex color **00E17D** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **E10064**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **6BFFB3**, and **00A84A** is the 20% darker color. If you saturate the color by 10%, you get **00E17D**, and if you desaturate by 10%, it is **16E187**.

Distribution



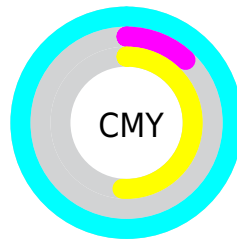
- Red (0%)
- Green (88%)
- Blue (49%)



- Red (0%)
- Yellow (57%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (44%)
- Black (12%)



- Cyan (100%)
- Magenta (12%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E17D 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 00E17D by changing the saturation by 10% instead.

 00E17D

 00E17D

FFFFFF

 00C463

 6BFFB3

 00A84A

 8DFFCF

 008D32

 ADFFEB

 007219

 CCFFFF

 005700

 ECFFFF

 003F00

 002600

 000000

 00E17D

 16E187

 2DE191

 44E19B

 5AE1A5

 71E1AF

 87E1B9

 9DE1C3

 B4E1CD

 CBE1D7

Harmonies

Analogous

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



9CD63E



00E17D



00E6C7

Triad

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



00E17D



00CBFF



FF8A7D

Complementary

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



00E17D



E10064

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.



FF7EC3



00E17D



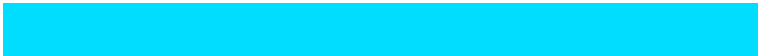
CAAFFF

Square

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



00E17D



00DDFF



FF90FF



FFA742

Rectangle

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



00E17D



00E6F7



FF90FF



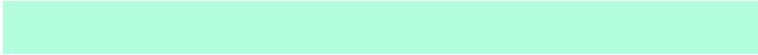
FF8393

Sweetspot

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



00E17D



B3FFDD



65E100



52806B



000000



808080

Same Dimension

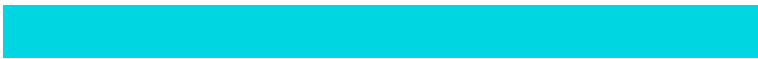
The Same Dimension uses a secret algorithm to generate beautiful new colors.



00E17D



00FF8E



00D6E1



65706B



00B062



00301B

Inverse Universe

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



E10064



FF0071



E10B00



70656A



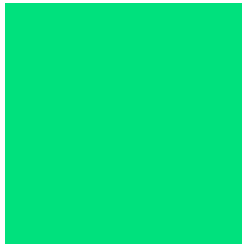
B0004E



300016

Previews

White Background



This preview shows how the Hex color 00E17D 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 00E17D 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 00E17D Background



This preview shows how black text looks on a background with the Hex color 00E17D.

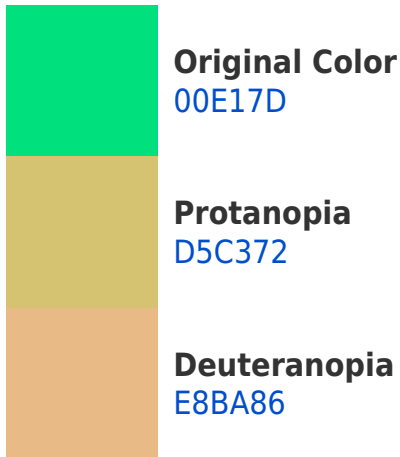


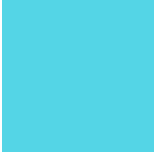
This preview shows how white text looks on a background with the Hex color 00E17D.

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
54D5E6

Trichromacy



Original Color

00E17D



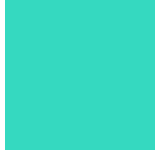
Protanomaly

88CE76



Deuteranomaly

94C883



Tritanomaly

35D9C0

Monochromacy



Original Color

00E17D



Achromatopsia

929292



Achromatomaly

5DAF8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E17D 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 #00E17D looks like.

```
.text, #text, p{  
    color:#00E17D  
}
```

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 #00E17D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E17D  
}
```

Border

The CSS property to change the border of an element to Hex 00E17D 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  
#00E17D }
```

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

```
.border{ border-color:#00E17D }
```

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

Here you see how a box with a 4 pixel #00E17D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E17D; -webkit-box-shadow:4px 4px  
4px 4px #00E17D; box-shadow:4px 4px 4px  
4px #00E17D }
```

Background

The CSS property to change the background color of an element to Hex 00E17D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E17D }
```

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

```
.background{ background-color:#00E17D }
```

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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