

# Converting Colors

Hex(00E1A7)

Have a look what the booklet for  
Hex(00E1A7) contains.

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# Color

Hex(00E1A7)

# Conversions

## Conversions Part 1

Format	Color
Hex	00E1A7
RGB	0, 225, 167
RGB Percent	0%, 88%, 65%
CMY	1.0000, 0.1176, 0.3451
CMYK	1.00, 0.00, 0.26, 0.12
HSL	165°, 100%, 44%
HSV	165°, 100%, 88%
XYZ	33.9003, 56.6404, 45.7052
YIQ	151.1130, -115.4820, -65.7380

# Conversions

## Conversions Part 2

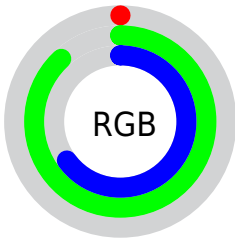
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 129, 225
Decimal	57767
CIELab	79.98, -59.10, 15.73
CIELCh	80, 61.162, 165.099
Yxy	56.6404, 0.2488, 0.4157
Android (android.graphics.Color)	4278247847 (0xFF00E1A7)
YUV	151.1130, 7.8323, -132.5261
Hunter-Lab	75.2598, -51.3007, 16.6752

# Details

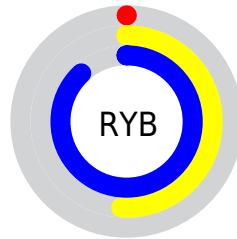
The Hex color **00E1A7** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **E1003A**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **6CFFDE**, and **00A873** is the 20% darker color. If you saturate the color by 10%, you get **00E1A7**, and if you desaturate by 10%, it is **16E1AD**.

# Distribution



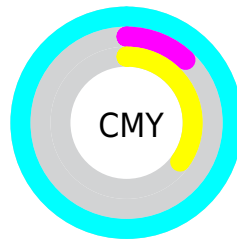
- Red (0%)
- Green (88%)
- Blue (65%)



- Red (0%)
- Yellow (51%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (12%)



- Cyan (100%)
- Magenta (12%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00E1A7 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 00E1A7 by changing the saturation by 10% instead.



 00E1A7

FFFFFF

 6CFFDE

 8DFFFB

 ADFFFF

 CDFFFF

 EDFFFF

 00E1A7

 00C48D

 00A873

 008D5A

 007243

 00582C

 003F17

 002800

 000000

 00E1A7

 16E1AD

 2DE1B3

 44E1B8

 5AE1BE

 71E1C4

 87E1CA

 9DE1D0

 B4E1D5

 CBE1DB

# Harmonies

## Analogous

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



8BDA72



00E1A7



00E3E2

# Triad

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



00E1A7



98C2FF



FFA478

# Complementary

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



00E1A7



E1003A

# 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.



FF96AC



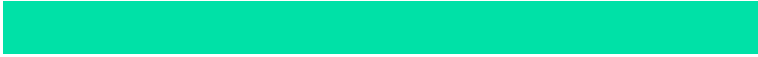
00E1A7



EFACFF

# Square

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



00E1A7



00D5FF



FF99E5



FFB955

# Rectangle

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



00E1A7



00E1FF



FF99E5

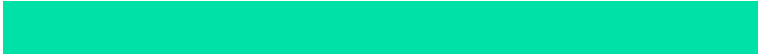


FF9E88

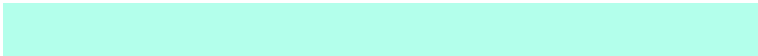


# Sweetspot

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



00E1A7



B3FFEB



3CE100



528074



000000



808080



# Same Dimension

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



00E1A7



00FFBD



00ACE1



65706D



00B083



003024



# Inverse Universe

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



E1003A



FF0042



E13500



706568



B0002D

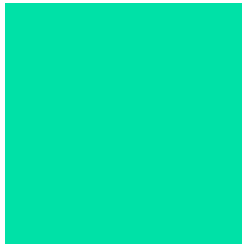


30000C



# Previews

## White Background



This preview shows how the Hex color 00E1A7 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 00E1A7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

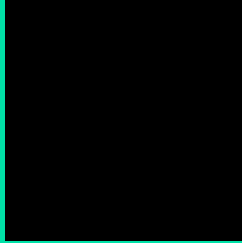
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00E1A7 Background



This preview shows how black text looks on a background with the Hex color 00E1A7.

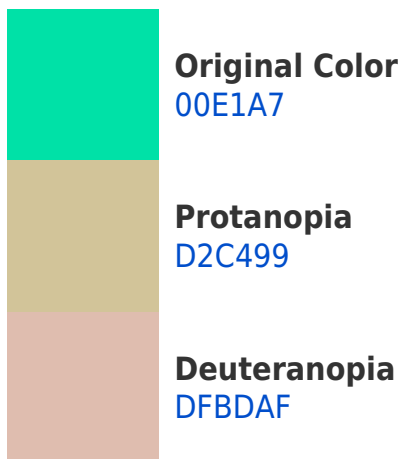


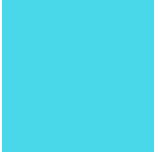
This preview shows how white text looks on a background with the Hex color 00E1A7.

# 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**  
49D8EA

# Trichromacy



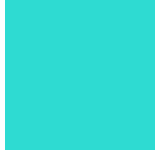
**Original Color**  
00E1A7



**Protanomaly**  
86CF9E



**Deuteranomaly**  
8ECAAC



**Tritanomaly**  
2EDBD2

# Monochromacy



**Original Color**  
00E1A7



**Achromatopsia**  
979797



**Achromatomaly**  
60B29D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00E1A7 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 #00E1A7 looks like.

```
.text, #text, p{  
    color:#00E1A7  
}
```

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 #00E1A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E1A7
}
```

## Border

The CSS property to change the border of an element to Hex 00E1A7 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
#00E1A7 }
```

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

```
.border{ border-color:#00E1A7 }
```

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

Here you see how a box with a 4 pixel #00E1A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E1A7; -webkit-box-shadow:4px 4px  
4px 4px #00E1A7; box-shadow:4px 4px 4px  
4px #00E1A7 }
```

# Background

The CSS property to change the background color of an element to Hex 00E1A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E1A7 }
```

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

```
.background{ background-color:#00E1A7 }
```

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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