

# Converting Colors

Hex(00E0AA)

Have a look what the booklet for  
Hex(00E0AA) contains.

<b>Hex(00E0AA)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(00E0AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00E0AA
RGB	0, 224, 170
RGB Percent	0%, 88%, 67%
CMY	1.0000, 0.1216, 0.3333
CMYK	1.00, 0.00, 0.24, 0.12
HSL	166°, 100%, 44%
HSV	166°, 100%, 88%
XYZ	33.9114, 56.2136, 47.0932
YIQ	150.8680, -116.1700, -64.2820

# Conversions

## Conversions Part 2

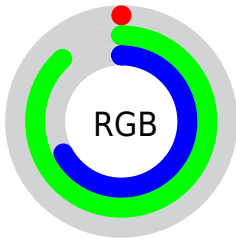
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 127, 224
Decimal	57514
CIELab	79.74, -58.02, 13.81
CIELCh	80, 59.645, 166.612
Yxy	56.2136, 0.2471, 0.4097
Android (android.graphics.Color)	4278247594 (0xFF00E0AA)
YUV	150.8680, 9.4321, -132.3112
Hunter-Lab	74.9757, -50.4724, 15.2422

# Details

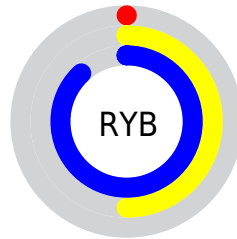
The Hex color **00E0AA** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **E00036**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **6CFFE1**, and **00A776** is the 20% darker color. If you saturate the color by 10%, you get **00E0AA**, and if you desaturate by 10%, it is **16E0AF**.

# Distribution



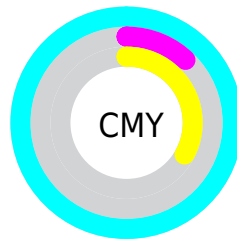
- Red (0%)
- Green (88%)
- Blue (67%)



- Red (0%)
- Yellow (50%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (12%)



- Cyan (100%)
- Magenta (12%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00E0AA 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 00E0AA by changing the saturation by 10% instead.



 00E0AA

 00E0AA

FFFFFF

 00C38F

 6CFFE1

 00A776

 8DFFFE

 008C5D

 ADFFFF

 007145

 CDFFFF

 00582F

 ECFFFF

 003F1A

 002700

 000000

 00E0AA

 16E0AF

 2DE0B5

 43E0BA

 5AE0C0

 70E0C5

 86E0CA

 9DE0D0

 B3E0D5

 CAE0DB

# Harmonies

## Analogous

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



88D976



00E0AA



00E2E4

# Triad

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



00E0AA



9FC1FF



FFA577

# Complementary

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



00E0AA



E00036

# 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.



FF97A9



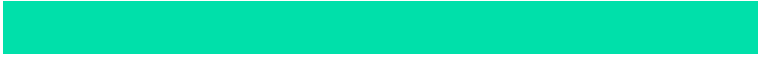
00E0AA



F1ABFF

# Square

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



00E0AA



00D3FF



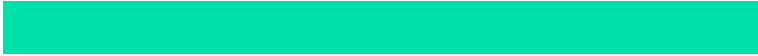
FF99E1



FBBA57

# Rectangle

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



00E0AA



00E0FF



FF99E1



FF9F86

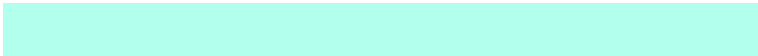


# Sweetspot

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



00E0AA



B3FFED



38E000



528074



000000



808080



# Same Dimension

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



00E0AA



00FFC2



00A8E0



65706D



00B086



003025



# Inverse Universe

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



E00036



FF003D



E03800



706568



B0002A

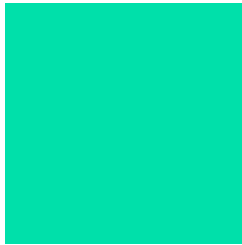


30000C



# Previews

## White Background



This preview shows how the Hex color 00E0AA looks on a white background.

## Color Contrast Check

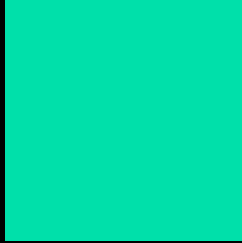
Large Text (above 18pt) WCAG AA × Fail

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 00E0AA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

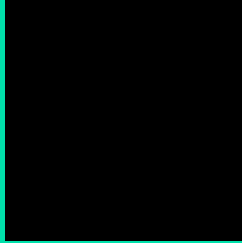
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

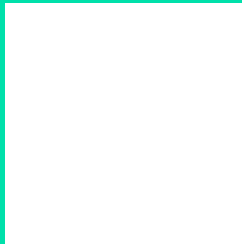
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00E0AA Background



This preview shows how black text looks on a background with the Hex color 00E0AA.

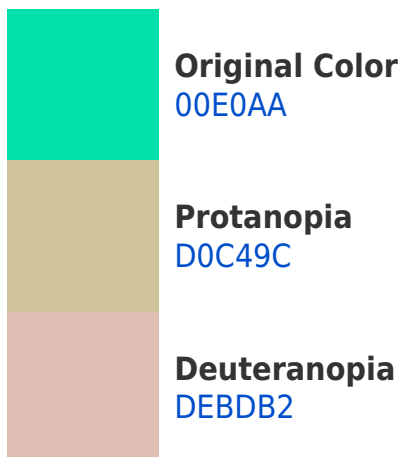


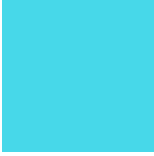
This preview shows how white text looks on a background with the Hex color 00E0AA.

# 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**  
47D8E9

# Trichromacy



**Original Color**

00E0AA



**Protanomaly**

84CEA1



**Deuteranomaly**

8DCAAF



**Tritanomaly**

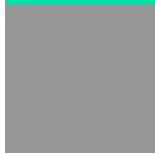
2DDBD2

# Monochromacy



**Original Color**

00E0AA



**Achromatopsia**

979797



**Achromatomaly**

60B29E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00E0AA 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 #00E0AA looks like.

```
.text, #text, p{  
    color:#00E0AA  
}
```

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 #00E0AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E0AA
}
```

## Border

The CSS property to change the border of an element to Hex 00E0AA 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
#00E0AA }
```

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

```
.border{ border-color:#00E0AA }
```

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

Here you see how a box with a 4 pixel #00E0AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E0AA; -webkit-box-shadow:4px 4px  
4px 4px #00E0AA; box-shadow:4px 4px 4px  
4px #00E0AA }
```

# Background

The CSS property to change the background color of an element to Hex 00E0AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E0AA }
```

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

```
.background{ background-color:#00E0AA }
```

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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