

Converting Colors

Hex(00E1AF)

Have a look what the booklet for
Hex(00E1AF) contains.

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Color

Hex(00E1AF)

Conversions

Conversions Part 1

Format	Color
Hex	00E1AF
RGB	0, 225, 175
RGB Percent	0%, 88%, 69%
CMY	1.0000, 0.1176, 0.3137
CMYK	1.00, 0.00, 0.22, 0.12
HSL	167°, 100%, 44%
HSV	167°, 100%, 88%
XYZ	34.6631, 56.9456, 49.7221
YIQ	152.0250, -118.0500, -63.2500

Conversions

Conversions Part 2

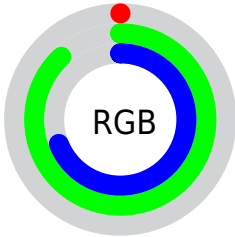
Format	Color
RYB	0, 127, 225
Decimal	57775
CIELab	80.15, -57.21, 11.76
CIELCh	80, 58.403, 168.383
Yxy	56.9456, 0.2453, 0.4029
Android (android.graphics.Color)	4278247855 (0xFF00E1AF)
YUV	152.0250, 11.3267, -133.3259
Hunter-Lab	75.4623, -50.0663, 13.7574

Details

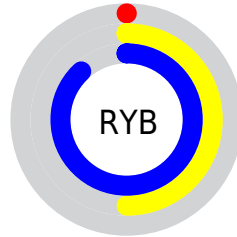
The Hex color **00E1AF** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **E10032**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **6CFFE7**, and **00A87B** is the 20% darker color. If you saturate the color by 10%, you get **00E1AF**, and if you desaturate by 10%, it is **16E1B4**.

Distribution



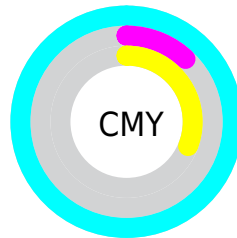
- Red (0%)
- Green (88%)
- Blue (69%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (12%)



- Cyan (100%)
- Magenta (12%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E1AF 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 00E1AF by changing the saturation by 10% instead.

 00E1AF

FFFFFF

 6CFFE7

 8EFFFF

 AEFFFF

 CEFFFF

 EDFFFF

 00E1AF

 00C494

 00A87B

 008D62

 00724A

 005933

 00401E

 002806

 000100

 000000

 00E1AF

 16E1B4

 2DE1B9

 44E1BE

 5AE1C3

 71E1C8

 87E1CD

 9DE1D2

 B4E1D7

 CBE1DC

Harmonies

Analogous

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



87DA7C



00E1AF



00E2E7

Triad

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



00E1AF



A7C1FF



FFA877

Complementary

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



00E1AF



E10032

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.



FF9AA7



00E1AF



F5ABFF

Square

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



00E1AF



00D3FF



FF9BDE



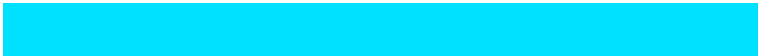
F9BC59

Rectangle

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



00E1AF



00E0FF



FF9BDE



FFA286

Sweetspot

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



00E1AF



B3FFEE



35E100



528075



000000



808080

Same Dimension

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



00E1AF



00FFC6



00A5E1



65706E



00B089



003026

Inverse Universe

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



E10032



FF0039



E13C00



706567



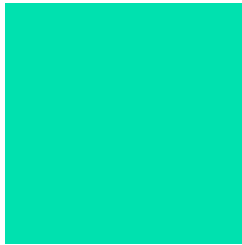
B00027



30000B

Previews

White Background



This preview shows how the Hex color 00E1AF looks on a white background.

Color Contrast Check

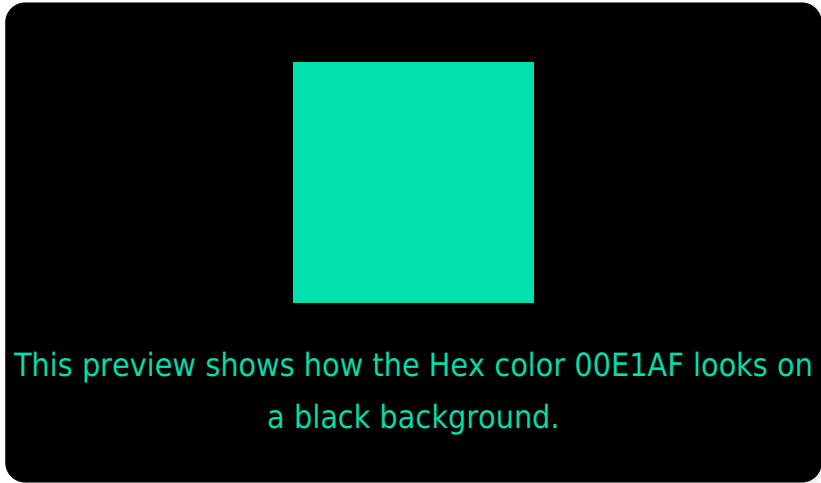
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

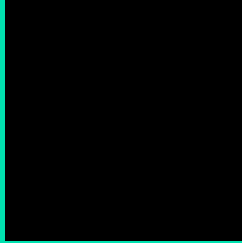
Any Text WCAG AA ✓ Pass

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 00E1AF Background



This preview shows how black text looks on a background with the Hex color 00E1AF.

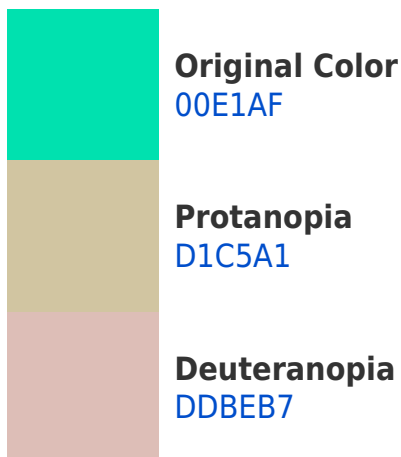


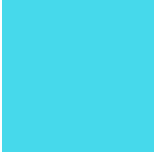
This preview shows how white text looks on a background with the Hex color 00E1AF.

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



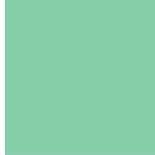


Tritanopia
46D9EB

Trichromacy



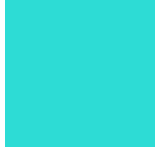
Original Color
00E1AF



Protanomaly
85CFA6

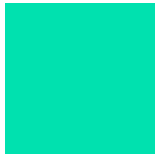


Deuteranomaly
8DCBB4



Tritanomaly
2DDCD5

Monochromacy



Original Color
00E1AF



Achromatopsia
989898



Achromatomaly
61B3A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E1AF 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 #00E1AF looks like.

```
.text, #text, p{  
    color:#00E1AF  
}
```

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 #00E1AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E1AF  
}
```

Border

The CSS property to change the border of an element to Hex 00E1AF 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  
#00E1AF }
```

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

```
.border{ border-color:#00E1AF }
```

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

Here you see how a box with a 4 pixel #00E1AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E1AF; -webkit-box-shadow:4px 4px  
4px 4px #00E1AF; box-shadow:4px 4px 4px  
4px #00E1AF }
```

Background

The CSS property to change the background color of an element to Hex 00E1AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E1AF }
```

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

```
.background{ background-color:#00E1AF }
```

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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