

Converting Colors

Hex(00E6A1)

Have a look what the booklet for
Hex(00E6A1) contains.

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Color

Hex(00E6A1)

Conversions

Conversions Part 1

Format	Color
Hex	00E6A1
RGB	0, 230, 161
RGB Percent	0%, 90%, 63%
CMY	1.0000, 0.0980, 0.3686
CMYK	1.00, 0.00, 0.30, 0.10
HSL	162°, 100%, 45%
HSV	162°, 100%, 90%
XYZ	34.7298, 59.1668, 43.3081
YIQ	153.3640, -114.9310, -70.2190

Conversions

Conversions Part 2

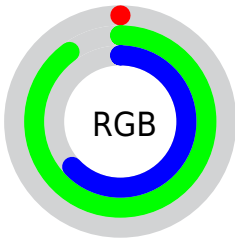
Format	Color
RYB	0, 135, 230
Decimal	59041
CIELab	81.38, -62.30, 20.82
CIELCh	81, 65.684, 161.522
Yxy	59.1668, 0.2531, 0.4312
Android (android.graphics.Color)	4278249121 (0xFF00E6A1)
YUV	153.3640, 3.7645, -134.5002
Hunter-Lab	76.9200, -54.0161, 20.4621

Details

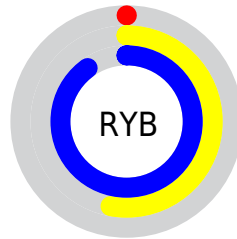
The Hex color **00E6A1** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **E60045**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **6DFFD8**, and **00AD6D** is the 20% darker color. If you saturate the color by 10%, you get **00E6A1**, and if you desaturate by 10%, it is **17E6A8**.

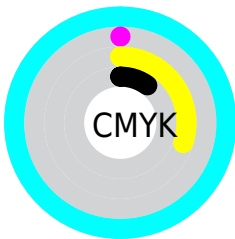
Distribution



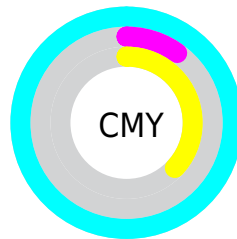
- Red (0%)
- Green (90%)
- Blue (63%)



- Red (0%)
- Yellow (53%)
- Blue (90%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (10%)



- Cyan (100%)
- Magenta (10%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E6A1 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 00E6A1 by changing the saturation by 10% instead.

 00E6A1

FFFFFF

 6DFFD8

 8FFFF5

 AFFFFF

 CFFFFFF

 EEFFFF

 00E6A1

 00C987

 00AD6D

 009155

 00773D

 005C26

 004311

 002C00

 000900

 000000

 00E6A1

 17E6A8

 2EE6AF

 45E6B6

 5CE6BD

 73E6C4

 8AE6CA

 A1E6D1

 B8E6D8

 CFE6DF

Harmonies

Analogous

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



92DE69



00E6A1



00E9E1

Triad

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



00E6A1



86C9FF



FFA27B

Complementary

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



00E6A1



E60045

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.



FF94B5



00E6A1



EDB0FF

Square

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



00E6A1



00DBFF



FF9AF3



FFB952

Rectangle

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



00E6A1



00E7FF



FF9AF3



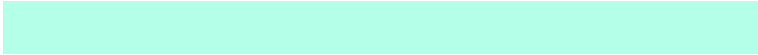
FF9B8D

Sweetspot

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



00E6A1



B3FFE8



45E600



528072



000000



808080

Same Dimension

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



00E6A1



00FFB3



00B8E6



67736F



00B37D



003324

Inverse Universe

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



E60045



FF004D



E62E00



73676B



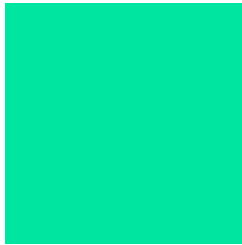
B30036



33000F

Previews

White Background



This preview shows how the Hex color 00E6A1 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 00E6A1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

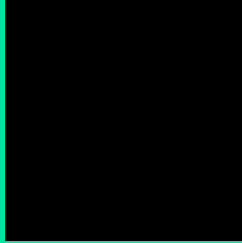
Any Text WCAG AA ✓ Pass

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 00E6A1 Background



This preview shows how black text looks on a background with the Hex color 00E6A1.

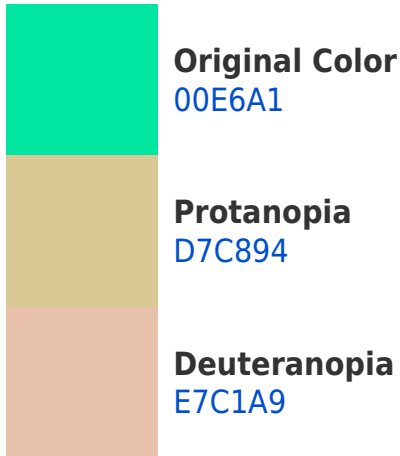


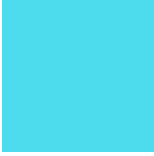
This preview shows how white text looks on a background with the Hex color 00E6A1.

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



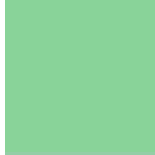


Tritanopia
4DDCEE

Trichromacy



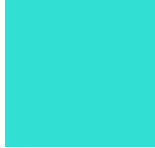
Original Color
00E6A1



Protanomaly
89D399



Deuteranomaly
93CEA6



Tritanomaly
31E0D2

Monochromacy



Original Color
00E6A1



Achromatopsia
999999



Achromatomaly
61B59C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E6A1 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 #00E6A1 looks like.

```
.text, #text, p{  
    color:#00E6A1  
}
```

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 #00E6A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E6A1
}
```

Border

The CSS property to change the border of an element to Hex 00E6A1 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
#00E6A1 }
```

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

```
.border{ border-color:#00E6A1 }
```

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

Here you see how a box with a 4 pixel #00E6A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E6A1; -webkit-box-shadow:4px 4px  
4px 4px #00E6A1; box-shadow:4px 4px 4px  
4px #00E6A1 }
```

Background

The CSS property to change the background color of an element to Hex 00E6A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E6A1 }
```

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

```
.background{ background-color:#00E6A1 }
```

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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