

Converting Colors

Hex(00E4A8)

Have a look what the booklet for
Hex(00E4A8) contains.

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Color

Hex(00E4A8)

Conversions

Conversions Part 1

Format	Color
Hex	00E4A8
RGB	0, 228, 168
RGB Percent	0%, 89%, 66%
CMY	1.0000, 0.1059, 0.3412
CMYK	1.00, 0.00, 0.26, 0.11
HSL	164°, 100%, 45%
HSV	164°, 100%, 89%
XYZ	34.8113, 58.3140, 46.4668
YIQ	152.9880, -116.6280, -66.9960

Conversions

Conversions Part 2

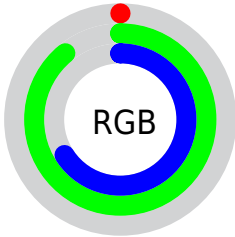
Format	Color
RYB	0, 131, 228
Decimal	58536
CIELab	80.91, -59.99, 16.51
CIELCh	81, 62.223, 164.609
Yxy	58.3140, 0.2494, 0.4177
Android (android.graphics.Color)	4278248616 (0xFF00E4A8)
YUV	152.9880, 7.4009, -134.1705
Hunter-Lab	76.3636, -52.2648, 17.3769

Details

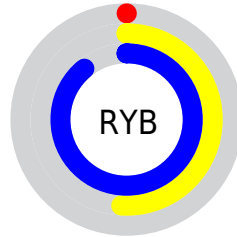
The Hex color **00E4A8** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **E4003C**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **6DFFDF**, and **00AB74** is the 20% darker color. If you saturate the color by 10%, you get **00E4A8**, and if you desaturate by 10%, it is **17E4AE**.

Distribution



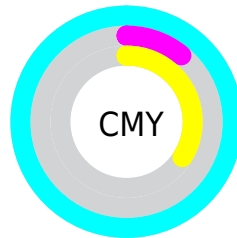
- Red (0%)
- Green (89%)
- Blue (66%)



- Red (0%)
- Yellow (51%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (11%)



- Cyan (100%)
- Magenta (11%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E4A8 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 00E4A8 by changing the saturation by 10% instead.

 00E4A8

 00E4A8

FFFFFF

 00C78D

 6DFFDF

 00AB74

 8EFFF0

 00905B

 AFFFFFF

 007543

 CEFFFF

 005B2D

 EEEFFF

 004218

 002A00

 000600

 000000

 00E4A8

 17E4AE

 2EE4B4

 44E4BA

 5BE4C0

 72E4C6

 89E4CC

 A0E4D2

 B6E4D8

 CDE4DE

Harmonies

Analogous

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



8DDC72



00E4A8



00E6E4

Triad

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



00E4A8



98C5FF



FFA57A

Complementary

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



00E4A8



E4003C

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.



FF97AF



00E4A8



F1AEFF

Square

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



00E4A8



00D8FF



FF9BE9



FFBB56

Rectangle

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



00E4A8



00E4FF



FF9BE9



FF9F8A

Sweetspot

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



00E4A8



B3FFEB



3DE400



528073



000000



808080

Same Dimension

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



00E4A8



00FFBC



00AFE4



677370



00B384



003326

Inverse Universe

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



E4003C



FF0043



E43500



73676A



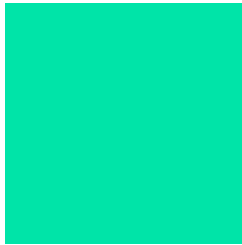
B3002F



33000D

Previews

White Background



This preview shows how the Hex color 00E4A8 looks on a white background.

Color Contrast Check

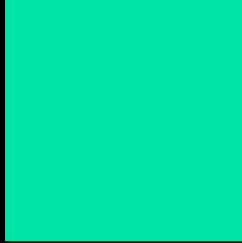
Large Text (above 18pt) WCAG AA × Fail

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 00E4A8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

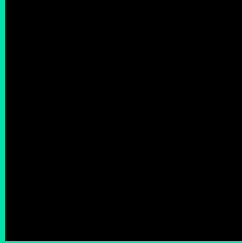
Any Text WCAG AA ✓ Pass

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 00E4A8 Background



This preview shows how black text looks on a background with the Hex color 00E4A8.

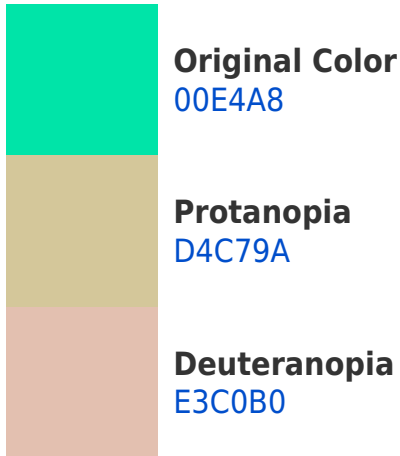


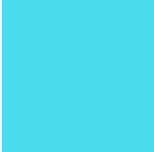
This preview shows how white text looks on a background with the Hex color 00E4A8.

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
4ADBED

Trichromacy



Original Color
00E4A8



Protanomaly
87D29F



Deuteranomaly
90CDAD



Tritanomaly
2FDED4

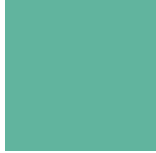
Monochromacy



Original Color
00E4A8



Achromatopsia
999999



Achromatomaly
61B49E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E4A8 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 #00E4A8 looks like.

```
.text, #text, p{  
    color:#00E4A8  
}
```

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 #00E4A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E4A8
}
```

Border

The CSS property to change the border of an element to Hex 00E4A8 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
#00E4A8 }
```

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

```
.border{ border-color:#00E4A8 }
```

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

Here you see how a box with a 4 pixel #00E4A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E4A8; -webkit-box-shadow:4px 4px  
4px 4px #00E4A8; box-shadow:4px 4px 4px  
4px #00E4A8 }
```

Background

The CSS property to change the background color of an element to Hex 00E4A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E4A8 }
```

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

```
.background{ background-color:#00E4A8 }
```

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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