

Converting Colors

Hex(00E4C9)

Have a look what the booklet for
Hex(00E4C9) contains.

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Color

Hex(00E4C9)

Conversions

Conversions Part 1

Format	Color
Hex	00E4C9
RGB	0, 228, 201
RGB Percent	0%, 89%, 79%
CMY	1.0000, 0.1059, 0.2118
CMYK	1.00, 0.00, 0.12, 0.11
HSL	173°, 100%, 45%
HSV	173°, 100%, 89%
XYZ	38.2860, 59.7039, 64.7645
YIQ	156.7500, -127.2210, -56.7330

Conversions

Conversions Part 2

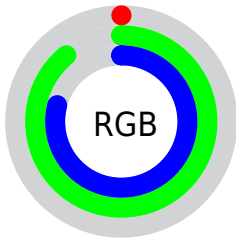
Format	Color
RYB	0, 121, 228
Decimal	58569
CIELab	81.68, -51.76, 0.21
CIELCh	82, 51.758, 179.768
Yxy	59.7039, 0.2352, 0.3668
Android (android.graphics.Color)	4278248649 (0xFF00E4C9)
YUV	156.7500, 21.8152, -137.4698
Hunter-Lab	77.2683, -46.7737, 4.3923

Details

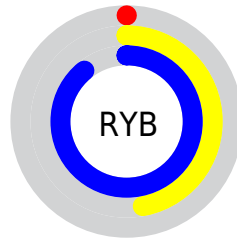
The Hex color **00E4C9** is a dark color, and the websafe version is hex **66FFCC**. The color can be described as middle washed cyan. A complement of this color would be **E4001B**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **6FFFFFF**, and **00AB93** is the 20% darker color. If you saturate the color by 10%, you get **00E4C9**, and if you desaturate by 10%, it is **17E4CC**.

Distribution



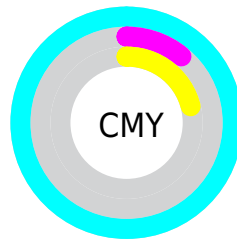
- Red (0%)
- Green (89%)
- Blue (79%)



- Red (0%)
- Yellow (47%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (100%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E4C9 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 00E4C9 by changing the saturation by 10% instead.

 00E4C9


 00E4C9

FFFFFF

 00C7AE

 6FFFFFF

 00AB93

 91FFFF

 009079

 B1FFFF

 007661

 D1FFFF

 005C49

 F1FFFF

 004333

 002D1E

 000C05

 000000

 00E4C9

 17E4CC

 2EE4CE

 44E4D1

 5BE4D4

 72E4D7

 89E4D9

 A0E4DC

 B6E4DF

 CDE4E1

Harmonies

Analogous

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



7BE098



00E4C9



00E3FA

Triad

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



00E4C9



CEBFFF



FFB778

Complementary

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



00E4C9



E4001B

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.



FFA89D



00E4C9



FFADFD

Square

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



00E4C9



7AD0FF



FFA3CD



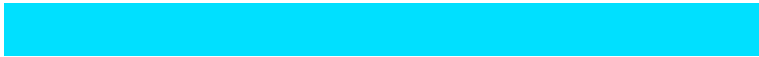
E9C868

Rectangle

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



00E4C9



00E0FF



FFA3CD



FFB183

Sweetspot

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



00E4C9



B3FFF6



1EE400



52807A



000000



808080

Same Dimension

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



00E4C9



00FFE1



0090E4



677371



00B39D



00332D

Inverse Universe

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



E4001B



FF001E



E45400



736769



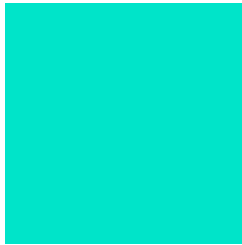
B30015



330006

Previews

White Background



This preview shows how the Hex color 00E4C9 looks on a white background.

Color Contrast Check

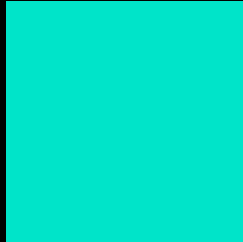
Large Text (above 18pt) WCAG AA × Fail

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 00E4C9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

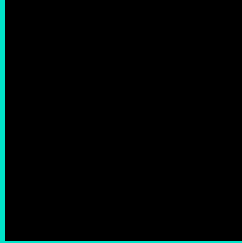
Any Text WCAG AA ✓ Pass

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 00E4C9 Background



This preview shows how black text looks on a background with the Hex color 00E4C9.

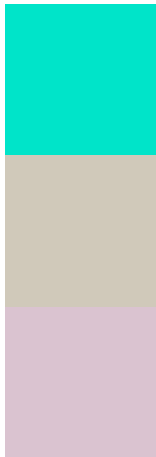


This preview shows how white text looks on a background with the Hex color 00E4C9.

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](#).

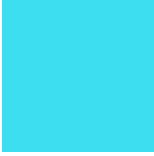
Dichromacy



Original Color
00E4C9

Protanopia
D0C9BA

Deuteranopia
DAC3D0

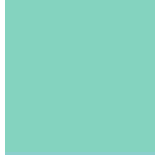


Tritanopia
3CDEF0

Trichromacy



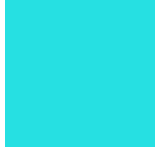
Original Color
00E4C9



Protanomaly
84D3BF



Deuteranomaly
8BCFCD



Tritanomaly
26E0E2

Monochromacy



Original Color
00E4C9



Achromatopsia
9D9D9D



Achromatomaly
64B7AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E4C9 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 #00E4C9 looks like.

```
.text, #text, p{  
    color:#00E4C9  
}
```

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 #00E4C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E4C9
}
```

Border

The CSS property to change the border of an element to Hex 00E4C9 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
#00E4C9 }
```

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

```
.border{ border-color:#00E4C9 }
```

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

Here you see how a box with a 4 pixel #00E4C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E4C9; -webkit-box-shadow:4px 4px  
4px 4px #00E4C9; box-shadow:4px 4px 4px  
4px #00E4C9 }
```

Background

The CSS property to change the background color of an element to Hex 00E4C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E4C9 }
```

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

```
.background{ background-color:#00E4C9 }
```

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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