

Converting Colors

Hex(00E08C)

Have a look what the booklet for
Hex(00E08C) contains.

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Color

Hex(00E08C)

Conversions

Conversions Part 1

Format	Color
Hex	00E08C
RGB	0, 224, 140
RGB Percent	0%, 88%, 55%
CMY	1.0000, 0.1216, 0.4510
CMYK	1.00, 0.00, 0.37, 0.12
HSL	158°, 100%, 44%
HSV	158°, 100%, 88%
XYZ	31.3893, 55.2048, 33.8121
YIQ	147.4480, -106.5400, -73.6120

Conversions

Conversions Part 2

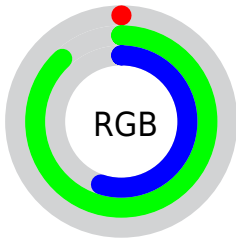
Format	Color
RYB	0, 138, 224
Decimal	57484
CIELab	79.16, -64.56, 28.63
CIELCh	79, 70.624, 156.083
Yxy	55.2048, 0.2607, 0.4585
Android (android.graphics.Color)	4278247564 (0xFF00E08C)
YUV	147.4480, -3.6719, -129.3119
Hunter-Lab	74.2999, -54.6144, 25.0284

Details

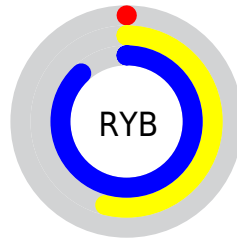
The Hex color **00E08C** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **E00054**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **6BFFC2**, and **00A759** is the 20% darker color. If you saturate the color by 10%, you get **00E08C**, and if you desaturate by 10%, it is **16E094**.

Distribution



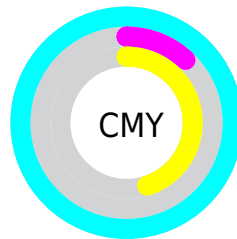
- Red (0%)
- Green (88%)
- Blue (55%)



- Red (0%)
- Yellow (54%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (37%)
- Black (12%)



- Cyan (100%)
- Magenta (12%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E08C 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 00E08C by changing the saturation by 10% instead.

 00E08C

 00E08C

FFFFFF

 00C372

 6BFFC2

 00A759

 8CFFDE

 008C41

 ACFFFB

 007129

 CCFFFF

 005712

 EBFFFF

 003E00

 002600

 000000

 00E08C

 16E094

 2DE09D

 43E0A5

 5AE0AE

 70E0B6

 86E0BE

 9DE0C7

 B3E0CF

 CAE0D8

Harmonies

Analogous

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



95D652



00E08C



00E4D0

Triad

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



00E08C



4DC7FF



FF947A

Complementary

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



00E08C



E00054

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.



FF87B9



00E08C



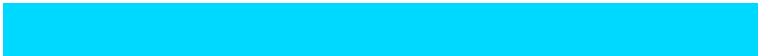
D8ADFF

Square

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



00E08C



00D9FF



FF92FB



FFAD48

Rectangle

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



00E08C



00E3FC



FF92FB



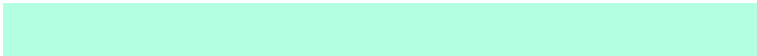
FF8D8E

Sweetspot

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



00E08C



B3FFE2



56E000



52806E



000000



808080

Same Dimension

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



00E08C



00FF9F



00C6E0



65706C



00B06E



00301E

Inverse Universe

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



E00054



FF0060



E01A00



706569



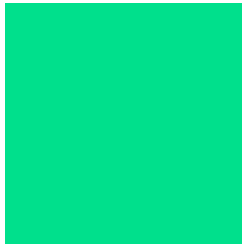
B00042



300012

Previews

White Background



This preview shows how the Hex color 00E08C 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 00E08C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

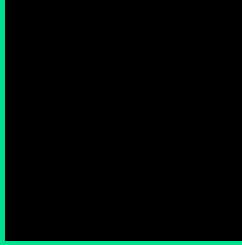
Any Text WCAG AA ✓ Pass

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 00E08C Background



This preview shows how black text looks on a background with the Hex color 00E08C.

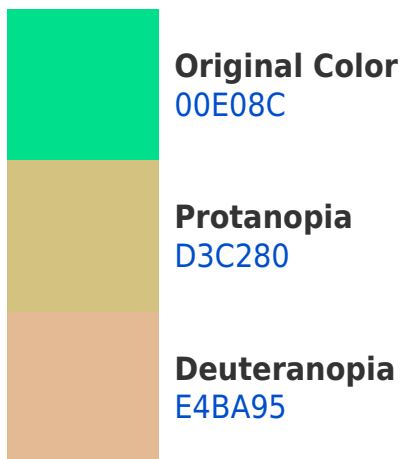


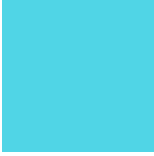
This preview shows how white text looks on a background with the Hex color 00E08C.

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
50D5E6

Trichromacy



Original Color
00E08C



Protanomaly
86CD84



Deuteranomaly
91C892



Tritanomaly
33D9C5

Monochromacy



Original Color
00E08C



Achromatopsia
939393



Achromatomaly
5EAF90

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E08C 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 #00E08C looks like.

```
.text, #text, p{  
    color:#00E08C  
}
```

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 #00E08C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E08C
}
```

Border

The CSS property to change the border of an element to Hex 00E08C 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
#00E08C }
```

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

```
.border{ border-color:#00E08C }
```

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

Here you see how a box with a 4 pixel #00E08C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E08C; -webkit-box-shadow:4px 4px  
4px 4px #00E08C; box-shadow:4px 4px 4px  
4px #00E08C }
```

Background

The CSS property to change the background color of an element to Hex 00E08C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E08C }
```

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

```
.background{ background-color:#00E08C }
```

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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