

Converting Colors

Hex(04E07C)

Have a look what the booklet for
Hex(04E07C) contains.

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Color

Hex(04E07C)

Conversions

Conversions Part 1

Format	Color
Hex	04E07C
RGB	4, 224, 124
RGB Percent	2%, 88%, 49%
CMY	0.9843, 0.1216, 0.5137
CMYK	0.98, 0.00, 0.45, 0.12
HSL	153°, 96%, 45%
HSV	153°, 98%, 88%
XYZ	30.3438, 54.7924, 28.0455
YIQ	146.8200, -99.0200, -77.7400

Conversions

Conversions Part 2

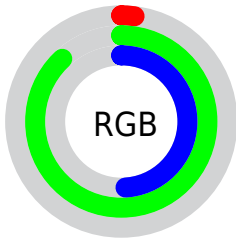
Format	Color
RYB	4, 146, 224
Decimal	319612
CIELab	78.92, -67.42, 36.41
CIELCh	79, 76.618, 151.630
Yxy	54.7924, 0.2681, 0.4841
Android (android.graphics.Color)	4278509692 (0xFF04E07C)
YUV	146.8200, -11.2503, -125.2531
Hunter-Lab	74.0219, -56.3657, 29.3514

Details

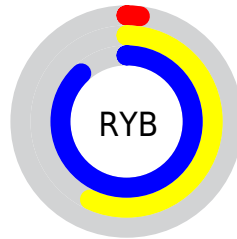
The Hex color **04E07C** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **E00468**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **6CFFB2**, and **00A749** is the 20% darker color. If you saturate the color by 10%, you get **00E07A**, and if you desaturate by 10%, it is **1AE086**.

Distribution



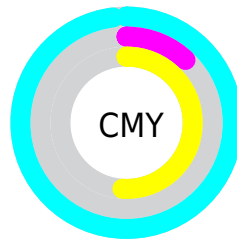
- Red (2%)
- Green (88%)
- Blue (49%)



- Red (2%)
- Yellow (57%)
- Blue (88%)



- Cyan (98%)
- Magenta (0%)
- Yellow (45%)
- Black (12%)



- Cyan (98%)
- Magenta (12%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04E07C 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 04E07C by changing the saturation by 10% instead.

 04E07C

 04E07C

FFFFFF

 00C362

 6CFFB2

 00A749

 8DFFCE

 008C31

 ADFFEA

 007118

 CCFFFF

 005700

 ECFFFF

 003E00

 002500

 000000

 04E07C

 04E07C

■ 00E07A

■ 1AE086

■ 31E090

■ 47E09B

■ 5EE0A5

■ 74E0AF

■ 8AE0B9

■ A1E0C3

■ B7E0CD

■ CEE0D8

Harmonies

Analogous

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



9CD53D



04E07C



00E5C5

Triad

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



04E07C



00CAFF



FF897D

Complementary

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



04E07C



E00468

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.



FF7EC2



04E07C



C8AFFF

Square

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



04E07C



00DCFF



FF8FFF



FFA642

Rectangle

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



04E07C



00E5F6



FF8FFF



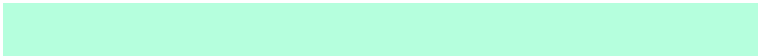
FF8393

Sweetspot

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



04E07C



B5FFDD



6BE004



53806B



000000



808080

Same Dimension

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



04E07C



00FF8B



04D9E0



65706B



00B060



00301A

Inverse Universe

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



E00468



FF0074



E00B04



70656A



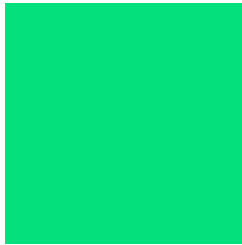
B00050



300016

Previews

White Background



This preview shows how the Hex color 04E07C looks on a white background.

Color Contrast Check

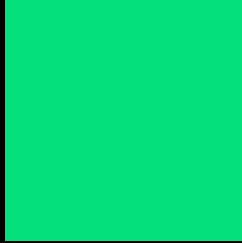
Large Text (above 18pt) WCAG AA × Fail

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 04E07C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

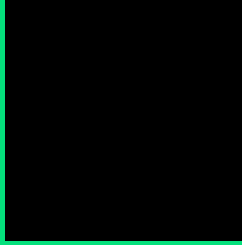
Any Text WCAG AA ✓ Pass

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 04E07C Background



This preview shows how black text looks on a background with the Hex color 04E07C.

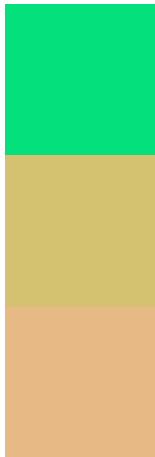


This preview shows how white text looks on a background with the Hex color 04E07C.

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](#).

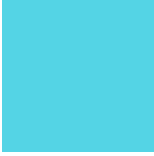
Dichromacy



Original Color
04E07C

Protanopia
D4C271

Deuteranopia
E7B985



Tritanopia
54D4E5

Trichromacy



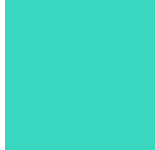
Original Color
04E07C



Protanomaly
88CD75



Deuteranomaly
94C782



Tritanomaly
37D8BF

Monochromacy



Original Color
04E07C



Achromatopsia
939393



Achromatomaly
5FAF8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 04E07C 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 #04E07C looks like.

```
.text, #text, p{  
    color:#04E07C  
}
```

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 #04E07C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04E07C
}
```

Border

The CSS property to change the border of an element to Hex 04E07C 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
#04E07C }
```

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

```
.border{ border-color:#04E07C }
```

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

Here you see how a box with a 4 pixel #04E07C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04E07C; -webkit-box-shadow:4px 4px  
4px 4px #04E07C; box-shadow:4px 4px 4px  
4px #04E07C }
```

Background

The CSS property to change the background color of an element to Hex 04E07C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04E07C }
```

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

```
.background{ background-color:#04E07C }
```

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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