

# Converting Colors

Hex(06DC7E)

Have a look what the booklet for  
Hex(06DC7E) contains.

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# Color

Hex(06DC7E)

# Conversions

## Conversions Part 1

Format	Color
Hex	06DC7E
RGB	6, 220, 126
RGB Percent	2%, 86%, 49%
CMY	0.9765, 0.1373, 0.5059
CMYK	0.97, 0.00, 0.43, 0.14
HSL	154°, 95%, 44%
HSV	154°, 97%, 86%
XYZ	29.4342, 52.7315, 28.3655
YIQ	145.2980, -97.3700, -74.6020

# Conversions

## Conversions Part 2

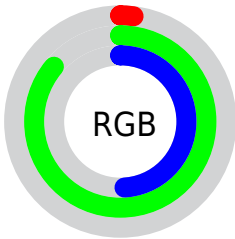
Format	Color
<b>RYB</b>	6, 143, 220
Decimal	449662
CIELab	77.72, -65.67, 33.85
CIELCh	78, 73.879, 152.734
Yxy	52.7315, 0.2663, 0.4771
Android (android.graphics.Color)	4278639742 (0xFF06DC7E)
YUV	145.2980, -9.5139, -122.1643
Hunter-Lab	72.6164, -54.7259, 27.6716

# Details

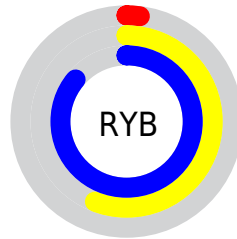
The Hex color **06DC7E** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **DC0664**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **6BFFB4**, and **00A34B** is the 20% darker color. If you saturate the color by 10%, you get **00DC7B**, and if you desaturate by 10%, it is **1CDC88**.

# Distribution



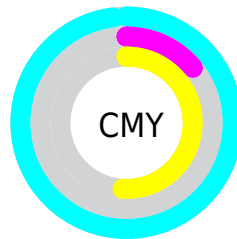
- Red (2%)
- Green (86%)
- Blue (49%)



- Red (2%)
- Yellow (56%)
- Blue (86%)



- Cyan (97%)
- Magenta (0%)
- Yellow (43%)
- Black (14%)



- Cyan (98%)
- Magenta (14%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 06DC7E 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 06DC7E by changing the saturation by 10% instead.



 06DC7E

 06DC7E

FFFFFF

 00BF64

 6BFFB4

 00A34B

 8CFFCF

 008833

 ACFFEC

 006D1B

 CBFFFF

 005301

 EAFFFF

 003B00

 002200

 000000

 06DC7E

 06DC7E

00DC7B

1CDC88

32DC91

48DC9B

5EDCA5

74DCAE

8ADCB8

A0DCC2

B6DCCB

CCDCD5

# Harmonies

## Analogous

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



97D142



06DC7E



00E1C4

# Triad

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



06DC7E



00C6FF



FF8A7A

# Complementary

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



06DC7E



DC0664

# 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.



FF7EBD



06DC7E



C9ABFF

# Square

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



06DC7E



00D7FF



FF8DFF



FFA542

# Rectangle

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



06DC7E



00E0F3



FF8DFF



FF838F

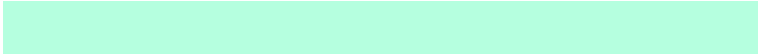


# Sweetspot

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



06DC7E



B5FFDF



66DC06



53806C



000000



808080



# Same Dimension

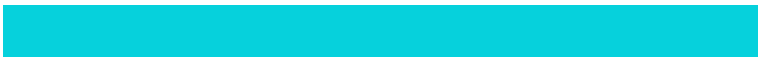
The Same Dimension uses a secret algorithm to generate beautiful new colors.



06DC7E



00FF8F



06D1DC



636E69



00AD61



002E1A



# Inverse Universe

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



DC0664



FF0070



DC1106



6E6368



AD004C

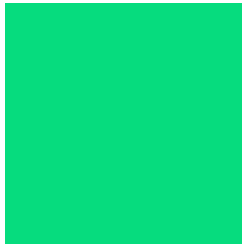


2E0014



# Previews

## White Background



This preview shows how the Hex color 06DC7E 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 06DC7E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

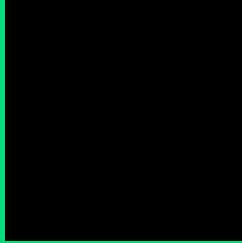
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 06DC7E Background



This preview shows how black text looks on a background with the Hex color 06DC7E.

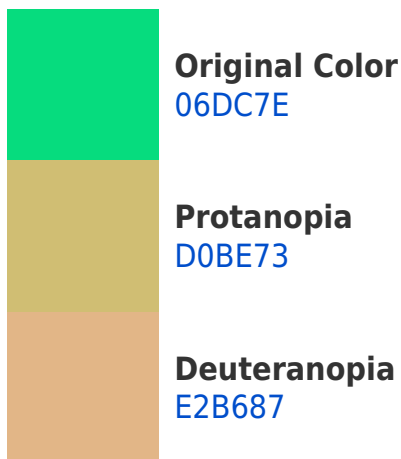


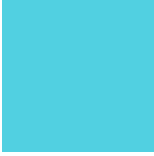
This preview shows how white text looks on a background with the Hex color 06DC7E.

# 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**  
51D0E1

# Trichromacy



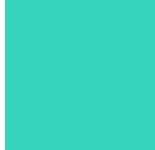
**Original Color**  
06DC7E



**Protanomaly**  
87C977



**Deuteranomaly**  
92C484



**Tritanomaly**  
36D4BD

# Monochromacy



**Original Color**  
06DC7E



**Achromatopsia**  
919191



**Achromatomaly**  
5EAC8A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 06DC7E 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 #06DC7E looks like.

```
.text, #text, p{  
    color:#06DC7E  
}
```

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 #06DC7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06DC7E
}
```

## Border

The CSS property to change the border of an element to Hex 06DC7E 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
#06DC7E }
```

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

```
.border{ border-color:#06DC7E }
```

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

Here you see how a box with a 4 pixel #06DC7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06DC7E; -webkit-box-shadow:4px 4px  
4px 4px #06DC7E; box-shadow:4px 4px 4px  
4px #06DC7E }
```

# Background

The CSS property to change the background color of an element to Hex 06DC7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06DC7E }
```

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

```
.background{ background-color:#06DC7E }
```

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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