

# Converting Colors

Hex(05CD7D)

Have a look what the booklet for  
Hex(05CD7D) contains.

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**Color**

**Hex(05CD7D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	05CD7D
RGB	5, 205, 125
RGB Percent	2%, 80%, 49%
CMY	0.9804, 0.1961, 0.5098
CMYK	0.98, 0.00, 0.39, 0.20
HSL	156°, 95%, 41%
HSV	156°, 98%, 80%
XYZ	25.5956, 45.1756, 26.7728
YIQ	136.0800, -93.5200, -67.2800

# Conversions

## Conversions Part 2

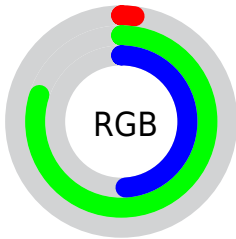
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 130, 205
Decimal	380285
CIELab	73.01, -60.77, 28.16
CIELCh	73, 66.978, 155.134
Yxy	45.1756, 0.2624, 0.4631
Android (android.graphics.Color)	4278570365 (0xFF05CD7D)
YUV	136.0800, -5.4624, -114.9572
Hunter-Lab	67.2128, -49.6470, 23.4320

# Details

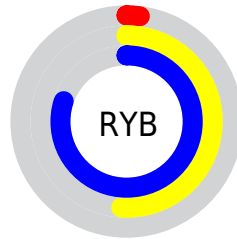
The Hex color **05CD7D** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **CD0555**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **67FFB2**, and **00954B** is the 20% darker color. If you saturate the color by 10%, you get **00CD7B**, and if you desaturate by 10%, it is **1ACD85**.

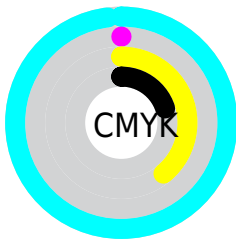
# Distribution



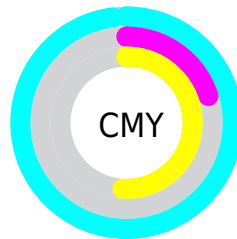
- Red (2%)
- Green (80%)
- Blue (49%)



- Red (2%)
- Yellow (51%)
- Blue (80%)



- Cyan (98%)
- Magenta (0%)
- Yellow (39%)
- Black (20%)



- Cyan (98%)
- Magenta (20%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 05CD7D 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 05CD7D by changing the saturation by 10% instead.



 05CD7D

 05CD7D

FFFFFF

 00B164

 67FFB2

 00954B

 87FFCE

 007A33

 A6FFEA

 00601C

 C5FFFF

 004704

 E4FFFF

 003000

 001200

 000000

 05CD7D

 05CD7D

■ 00CD7B

■ 1ACD85

■ 2ECD8D

■ 42CD96

■ 57CD9E

■ 6CCDA6

■ 80CDAE

■ 95CDB6

■ A9CDBF

■ BECDC7

# Harmonies

## Analogous

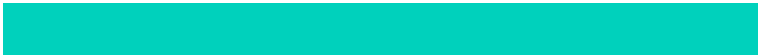
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8AC447



05CD7D



00D1BC

# Triad

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



05CD7D



38B7FF



FF8570

# Complementary

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



05CD7D



CD0555

# 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.



FF79AB



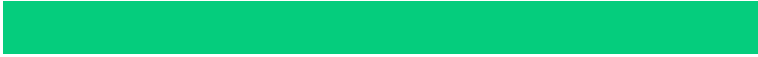
05CD7D



C39EFF

# Square

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



05CD7D



00C7FF



FF85E8



FC9D40

# Rectangle

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



05CD7D



00D0E6



FF85E8



FF7F83

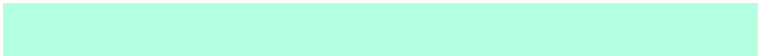


# Sweetspot

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



05CD7D



B5FFE1



55CD05



53806E



000000



808080



# Same Dimension

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



05CD7D



00FF99



05B9CD



5C6662



00A663



002617



# Inverse Universe

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



CD0555



FF0066



CD1905



665C60



A60042

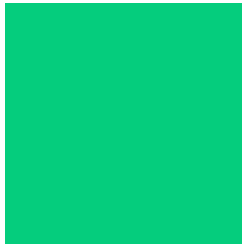


26000F



# Previews

## White Background



This preview shows how the Hex color 05CD7D 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 05CD7D 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 05CD7D Background



This preview shows how black text looks on a background with the Hex color 05CD7D.

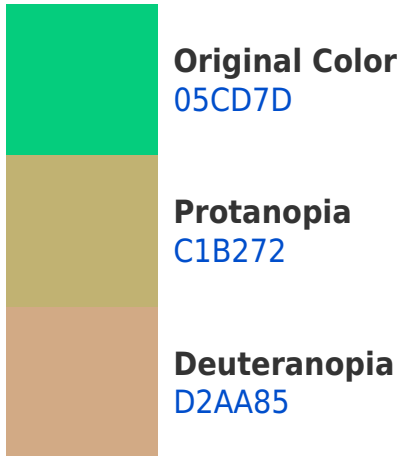


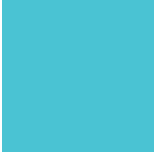
This preview shows how white text looks on a background with the Hex color 05CD7D.

# 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**  
4AC3D3

# Trichromacy



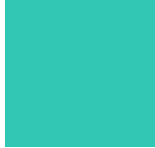
**Original Color**  
05CD7D



**Protanomaly**  
7DBC76



**Deuteranomaly**  
87B782



**Tritanomaly**  
31C7B4

# Monochromacy



**Original Color**  
05CD7D



**Achromatopsia**  
888888



**Achromatomaly**  
58A184

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 05CD7D 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 #05CD7D looks like.

```
.text, #text, p{  
    color:#05CD7D  
}
```

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 #05CD7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05CD7D
}
```

## Border

The CSS property to change the border of an element to Hex 05CD7D 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
#05CD7D }
```

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

```
.border{ border-color:#05CD7D }
```

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

Here you see how a box with a 4 pixel #05CD7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05CD7D; -webkit-box-shadow:4px 4px  
4px 4px #05CD7D; box-shadow:4px 4px 4px  
4px #05CD7D }
```

# Background

The CSS property to change the background color of an element to Hex 05CD7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05CD7D }
```

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

```
.background{ background-color:#05CD7D }
```

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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