

# Converting Colors

Hex(07D5AA)

Have a look what the booklet for  
Hex(07D5AA) contains.

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**Color**

**Hex(07D5AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	07D5AA
RGB	7, 213, 170
RGB Percent	3%, 84%, 67%
CMY	0.9725, 0.1647, 0.3333
CMYK	0.97, 0.00, 0.20, 0.16
HSL	167°, 94%, 43%
HSV	167°, 97%, 84%
XYZ	31.1376, 50.5360, 46.1435
YIQ	146.5040, -108.9730, -57.0450

# Conversions

## Conversions Part 2

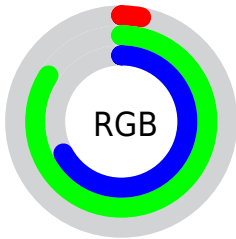
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 122, 213
Decimal	513450
CIELab	76.40, -53.58, 9.08
CIELCh	76, 54.345, 170.383
Yxy	50.5360, 0.2436, 0.3954
Android (android.graphics.Color)	4278703530 (0xFF07D5AA)
YUV	146.5040, 11.5835, -122.3450
Hunter-Lab	71.0886, -46.2203, 11.2770

# Details

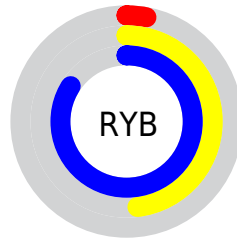
The Hex color **07D5AA** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **D50732**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **6AFFE1**, and **009D76** is the 20% darker color. If you saturate the color by 10%, you get **00D5A9**, and if you desaturate by 10%, it is **1CD5AE**.

# Distribution



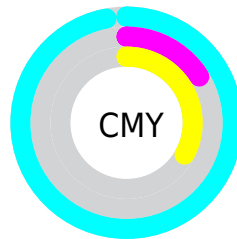
- Red (3%)
- Green (84%)
- Blue (67%)



- Red (3%)
- Yellow (48%)
- Blue (84%)



- Cyan (97%)
- Magenta (0%)
- Yellow (20%)
- Black (16%)



- Cyan (97%)
- Magenta (16%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 07D5AA 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 07D5AA by changing the saturation by 10% instead.



 07D5AA

 07D5AA

FFFFFF

 00B990

 6AFFE1

 009D76

 8BFFFE

 00825D

 ABFFFF

 006846

 CAFFFF

 004F2F

 E9FFFF

 00361A

 001F00

 000000

 07D5AA

 07D5AA

00D5A9

1CD5AE

32D5B3

47D5B7

5CD5BC

72D5C0

87D5C5

9CD5C9

B1D5CE

C7D5D2

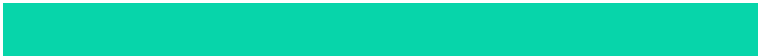
# Harmonies

## Analogous

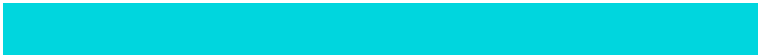
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7ECF7A



07D5AA



00D6DE

# Triad

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



07D5AA



A6B6FF



FFA271

# Complementary

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



07D5AA



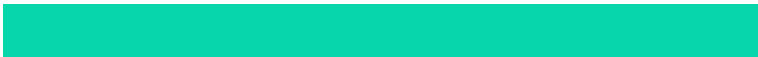
D50732

# 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.



FF949C



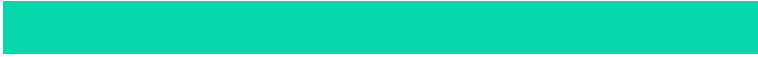
07D5AA



EBA2FD

# Square

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



07D5AA



28C7FF



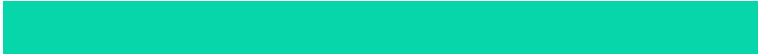
FF94CF



E8B457

# Rectangle

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



07D5AA



00D3FC



FF94CF

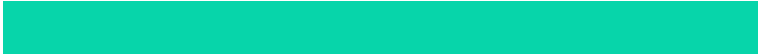


FF9C7E

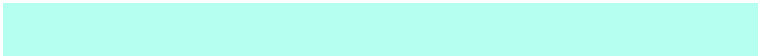


# Sweetspot

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



07D5AA



B5FFF0



34D507



538076



000000



808080



# Same Dimension

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



07D5AA



00FFCA



079BD5



606B69



00AB87



002B22



# Inverse Universe

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



D50732



FF0035



D54107



6B6063



AB0024

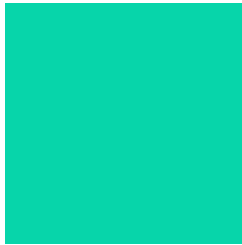


2B0009



# Previews

## White Background



This preview shows how the Hex color 07D5AA 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 07D5AA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

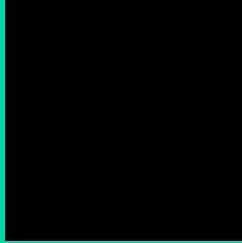
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

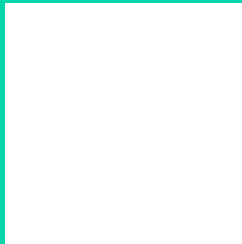
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 07D5AA Background



This preview shows how black text looks on a background with the Hex color 07D5AA.

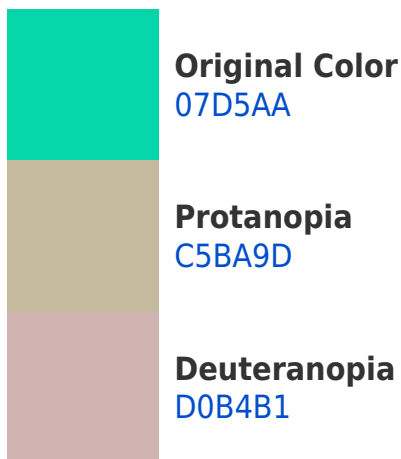


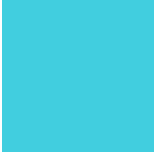
This preview shows how white text looks on a background with the Hex color 07D5AA.

# 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](#).

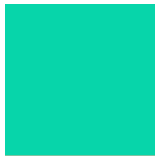
## Dichromacy





**Tritanopia**  
41CEDF

# Trichromacy



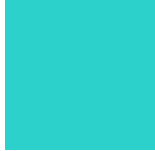
**Original Color**  
07D5AA



**Protanomaly**  
80C4A2



**Deuteranomaly**  
87C0AE

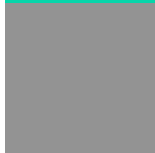


**Tritanomaly**  
2CD1CC

# Monochromacy



**Original Color**  
07D5AA



**Achromatopsia**  
939393



**Achromatomaly**  
60AB9B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 07D5AA 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 #07D5AA looks like.

```
.text, #text, p{  
    color:#07D5AA  
}
```

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 #07D5AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07D5AA
}
```

## Border

The CSS property to change the border of an element to Hex 07D5AA 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
#07D5AA }
```

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

```
.border{ border-color:#07D5AA }
```

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

Here you see how a box with a 4 pixel #07D5AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07D5AA; -webkit-box-shadow:4px 4px  
4px 4px #07D5AA; box-shadow:4px 4px 4px  
4px #07D5AA }
```

# Background

The CSS property to change the background color of an element to Hex 07D5AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07D5AA }
```

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

```
.background{ background-color:#07D5AA }
```

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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