

# Converting Colors

Hex(05C7A0)

Have a look what the booklet for  
Hex(05C7A0) contains.

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**Color**

**Hex(05C7A0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	05C7A0
RGB	5, 199, 160
RGB Percent	2%, 78%, 63%
CMY	0.9804, 0.2196, 0.3725
CMYK	0.97, 0.00, 0.20, 0.22
HSL	168°, 95%, 40%
HSV	168°, 97%, 78%
XYZ	26.8312, 43.4172, 40.2239
YIQ	136.5480, -103.1050, -53.2570

# Conversions

## Conversions Part 2

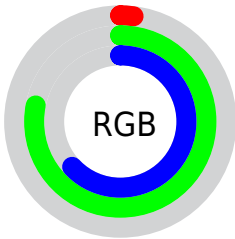
Format	Color
<a href="#">RYB</a>	<a href="#">5, 113, 199</a>
Decimal	<a href="#">378784</a>
CIELab	<a href="#">71.84, -50.61, 7.94</a>
CIELCh	<a href="#">72, 51.230, 171.087</a>
Yxy	<a href="#">43.4172, 0.2429, 0.3930</a>
Android (android.graphics.Color)	<a href="#">4278568864 (0xFF05C7A0)</a>
YUV	<a href="#">136.5480, 11.5618, -115.3676</a>
Hunter-Lab	<a href="#">65.8917, -42.6251, 9.9303</a>

# Details

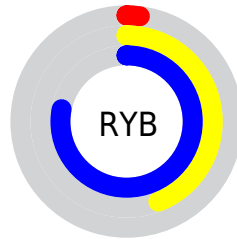
The Hex color **05C7A0** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **C7052C**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **66FFD7**, and **00906D** is the 20% darker color. If you saturate the color by 10%, you get **00C79F**, and if you desaturate by 10%, it is **19C7A4**.

# Distribution



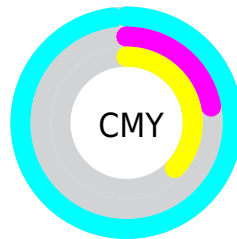
- Red (2%)
- Green (78%)
- Blue (63%)



- Red (2%)
- Yellow (44%)
- Blue (78%)



- Cyan (97%)
- Magenta (0%)
- Yellow (20%)
- Black (22%)



- Cyan (98%)
- Magenta (22%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 05C7A0 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 05C7A0 by changing the saturation by 10% instead.



 05C7A0

 05C7A0

FFFFFF

 00AB86

 66FFD7

 00906D

 86FFF3

 007554

 A6FFF3

 005C3D

 C4FFF3

 004327

 E3FFF3

 002D13

 000C00

 000000

 05C7A0

 05C7A0

■ 00C79F

■ 19C7A4

■ 2DC7A8

■ 41C7AC

■ 55C7B0

■ 69C7B4

■ 7CC7B8

■ 90C7BC

■ A4C7C0

■ B8C7C4

# Harmonies

## Analogous

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



74C273



05C7A0



00C8D0

# Triad

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



05C7A0



9DA9FF



F99769

# Complementary

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



05C7A0



C7052C

# 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.



FF8B91



05C7A0



DC97EB

# Square

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



05C7A0



2EB9FF



FF8AC0



D8A952

# Rectangle

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



05C7A0



00C5EC



FF8AC0



FF9275

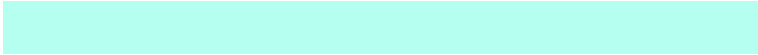


# Sweetspot

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



05C7A0



B5FFF0



2FC705



538077



000000



808080



# Same Dimension

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



05C7A0



00FFCC



0590C7



5A6361



00A382



00241D



# Inverse Universe

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



C7052C



FF0033



C73C05



635A5C



A30021

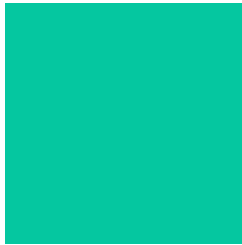


240007



# Previews

## White Background



This preview shows how the Hex color 05C7A0 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 05C7A0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

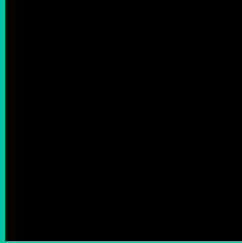
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 05C7A0 Background



This preview shows how black text looks on a background with the Hex color 05C7A0.



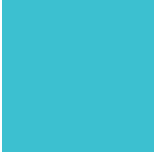
This preview shows how white text looks on a background with the Hex color 05C7A0.

# 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](#).

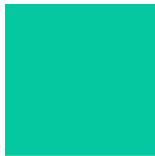
## Dichromacy





**Tritanopia**  
3CC0D0

# Trichromacy



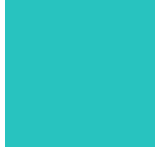
**Original Color**  
05C7A0



**Protanomaly**  
77B798



**Deuteranomaly**  
7DB4A4



**Tritanomaly**  
28C3BF

# Monochromacy



**Original Color**  
05C7A0



**Achromatopsia**  
898989



**Achromatomaly**  
59A091

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 05C7A0 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 #05C7A0 looks like.

```
.text, #text, p{  
    color:#05C7A0  
}
```

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 #05C7A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05C7A0
}
```

## Border

The CSS property to change the border of an element to Hex 05C7A0 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
#05C7A0 }
```

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

```
.border{ border-color:#05C7A0 }
```

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

Here you see how a box with a 4 pixel #05C7A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05C7A0; -webkit-box-shadow:4px 4px  
4px 4px #05C7A0; box-shadow:4px 4px 4px  
4px #05C7A0 }
```

# Background

The CSS property to change the background color of an element to Hex 05C7A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05C7A0 }
```

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

```
.background{ background-color:#05C7A0 }
```

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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