

# Converting Colors

Hex(05C7A3)

Have a look what the booklet for  
Hex(05C7A3) contains.

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**Color**

**Hex(05C7A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	05C7A3
RGB	5, 199, 163
RGB Percent	2%, 78%, 64%
CMY	0.9804, 0.2196, 0.3608
CMYK	0.97, 0.00, 0.18, 0.22
HSL	169°, 95%, 40%
HSV	169°, 97%, 78%
XYZ	27.0969, 43.5235, 41.6230
YIQ	136.8900, -104.0680, -52.3240

# Conversions

## Conversions Part 2

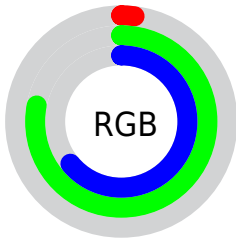
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 112, 199
Decimal	378787
CIELab	71.91, -49.84, 6.42
CIELCh	72, 50.252, 172.665
Yxy	43.5235, 0.2414, 0.3878
Android (android.graphics.Color)	4278568867 (0xFF05C7A3)
YUV	136.8900, 12.8722, -115.6675
Hunter-Lab	65.9723, -42.1361, 8.7736

# Details

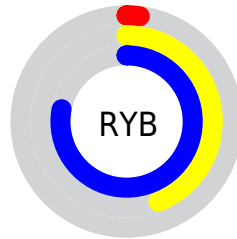
The Hex color **05C7A3** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **C70529**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **66FFDA**, and **00906F** is the 20% darker color. If you saturate the color by 10%, you get **00C7A2**, and if you desaturate by 10%, it is **19C7A7**.

# Distribution



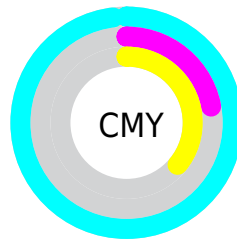
- Red (2%)
- Green (78%)
- Blue (64%)



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



- Cyan (97%)
- Magenta (0%)
- Yellow (18%)
- Black (22%)



- Cyan (98%)
- Magenta (22%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 05C7A3 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 05C7A3 by changing the saturation by 10% instead.



 05C7A3

 05C7A3

FFFFFF

 00AB89

 66FFDA

 00906F

 87FFF6

 007557

 A6FFFF

 005C40

 C5FFFF

 00432A

 E4FFFF

 002D15

 000D00

 000000

 05C7A3

 05C7A3

■ 00C7A2

■ 19C7A7

■ 2DC7AA

■ 41C7AE

■ 55C7B2

■ 69C7B5

■ 7CC7B9

■ 90C7BD

■ A4C7C1

■ B8C7C4

# Harmonies

## Analogous

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



73C277



05C7A3



00C7D2

# Triad

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



05C7A3



A2A9FF



F79969

# Complementary

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



05C7A3



C70529

# 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.



FF8C8F



05C7A3



DE97E8

# Square

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



05C7A3



3FB8FF



FF8BBD



D6AA53

# Rectangle

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



05C7A3



00C5ED



FF8BBD



FE9474

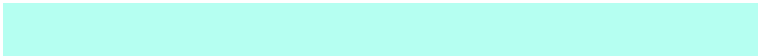


# Sweetspot

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



05C7A3



B5FFF1



2CC705



538077



000000



808080



# Same Dimension

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



05C7A3



00FFD0



058DC7



5A6362



00A385



00241D



# Inverse Universe

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



C70529



FF002F



C73F05



635A5B



A3001E

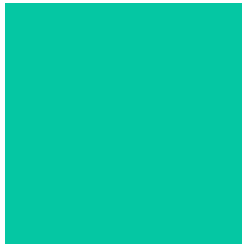


240007



# Previews

## White Background



This preview shows how the Hex color 05C7A3 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 05C7A3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

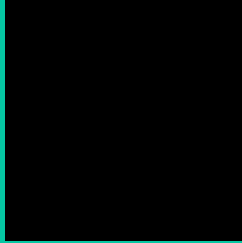
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

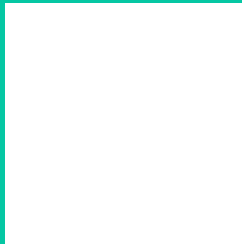
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 05C7A3 Background



This preview shows how black text looks on a background with the Hex color 05C7A3.



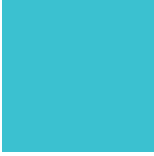
This preview shows how white text looks on a background with the Hex color 05C7A3.

# 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**  
3BC1D0

# Trichromacy



**Original Color**  
05C7A3



**Protanomaly**  
77B79B



**Deuteranomaly**  
7DB4A7



**Tritanomaly**  
27C3C0

# Monochromacy



**Original Color**  
05C7A3



**Achromatopsia**  
898989



**Achromatomaly**  
59A092

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 05C7A3 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 #05C7A3 looks like.

```
.text, #text, p{  
    color:#05C7A3  
}
```

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 #05C7A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05C7A3
}
```

## Border

The CSS property to change the border of an element to Hex 05C7A3 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
#05C7A3 }
```

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

```
.border{ border-color:#05C7A3 }
```

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

Here you see how a box with a 4 pixel #05C7A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05C7A3; -webkit-box-shadow:4px 4px  
4px 4px #05C7A3; box-shadow:4px 4px 4px  
4px #05C7A3 }
```

# Background

The CSS property to change the background color of an element to Hex 05C7A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05C7A3 }
```

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

```
.background{ background-color:#05C7A3 }
```

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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