

Converting Colors

Hex(05C7A8)

Have a look what the booklet for
Hex(05C7A8) contains.

Hex(05C7A8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(05C7A8)

Conversions

Conversions Part 1

Format	Color
Hex	05C7A8
RGB	5, 199, 168
RGB Percent	2%, 78%, 66%
CMY	0.9804, 0.2196, 0.3412
CMYK	0.97, 0.00, 0.16, 0.22
HSL	170°, 95%, 40%
HSV	170°, 97%, 78%
XYZ	27.5539, 43.7063, 44.0297
YIQ	137.4600, -105.6730, -50.7690

Conversions

Conversions Part 2

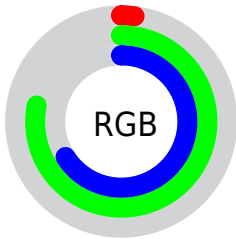
Format	Color
RYB	5, 110, 199
Decimal	378792
CIELab	72.03, -48.53, 3.88
CIELCh	72, 48.686, 175.426
Yxy	43.7063, 0.2390, 0.3791
Android (android.graphics.Color)	4278568872 (0xFF05C7A8)
YUV	137.4600, 15.0562, -116.1674
Hunter-Lab	66.1107, -41.2978, 6.7904

Details

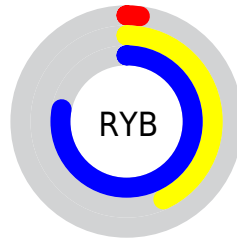
The Hex color **05C7A8** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **C70524**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **67FFDF**, and **009074** is the 20% darker color. If you saturate the color by 10%, you get **00C7A7**, and if you desaturate by 10%, it is **19C7AB**.

Distribution



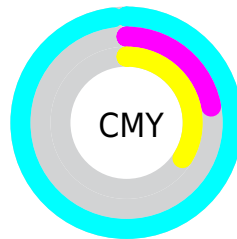
- Red (2%)
- Green (78%)
- Blue (66%)



- Red (2%)
- Yellow (43%)
- Blue (78%)



- Cyan (97%)
- Magenta (0%)
- Yellow (16%)
- Black (22%)



- Cyan (98%)
- Magenta (22%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05C7A8 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 05C7A8 by changing the saturation by 10% instead.

 05C7A8

 05C7A8

FFFFFF

 00AB8E

 67FFDF

 009074

 87FFFC

 00755C

 A6FFFF

 005C44

 C5FFFF

 00432E

 E4FFFF

 002D19

 000E00

 000000

 05C7A8

 05C7A8

■ 00C7A7

■ 19C7AB

■ 2DC7AE

■ 41C7B2

■ 55C7B5

■ 69C7B8

■ 7CC7BB

■ 90C7BE

■ A4C7C1

■ B8C7C5

Harmonies

Analogous

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



70C37C



05C7A8



00C7D5

Triad

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



05C7A8



AAA8FF



F39C69

Complementary

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



05C7A8



C70524

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.



FF8F8D



05C7A8



E197E4

Square

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



05C7A8



54B7FF



FF8CB9



D2AC56

Rectangle

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



05C7A8



00C4EF



FF8CB9



FB9773

Sweetspot

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



05C7A8



B5FFF3



25C705



538078



000000



808080

Same Dimension

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



05C7A8



00FFD6



0586C7



5A6362



00A389



00241E

Inverse Universe

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



C70524



FF0029



C74605



635A5B



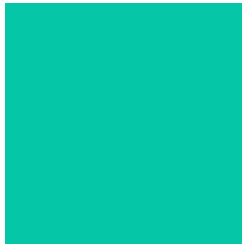
A3001A



240006

Previews

White Background



This preview shows how the Hex color 05C7A8 looks on a white background.

Color Contrast Check

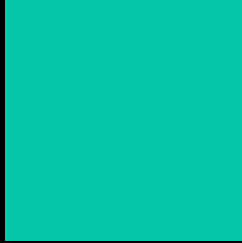
Large Text (above 18pt) WCAG AA × Fail

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 05C7A8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

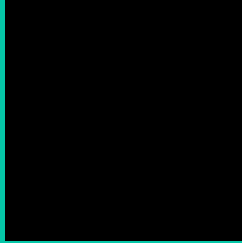
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

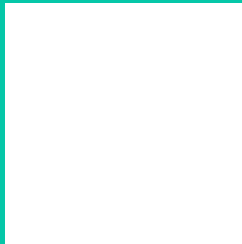
Any Text WCAG AAA ✓ Pass

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

Hex 05C7A8 Background



This preview shows how black text looks on a background with the Hex color 05C7A8.



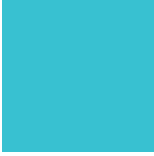
This preview shows how white text looks on a background with the Hex color 05C7A8.

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](#).

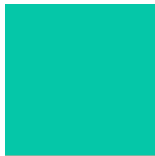
Dichromacy





Tritanopia
38C1D1

Trichromacy



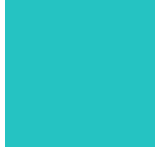
Original Color
05C7A8



Protanomaly
76B8A0



Deuteranomaly
7CB5AC



Tritanomaly
25C3C2

Monochromacy



Original Color
05C7A8



Achromatopsia
898989



Achromatomaly
59A094

CSS Examples

Text

The CSS property to change the color of the text to Hex 05C7A8 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 #05C7A8 looks like.

```
.text, #text, p{  
    color:#05C7A8  
}
```

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 #05C7A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05C7A8
}
```

Border

The CSS property to change the border of an element to Hex 05C7A8 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
#05C7A8 }
```

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

```
.border{ border-color:#05C7A8 }
```

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

Here you see how a box with a 4 pixel #05C7A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05C7A8; -webkit-box-shadow:4px 4px  
4px 4px #05C7A8; box-shadow:4px 4px 4px  
4px #05C7A8 }
```

Background

The CSS property to change the background color of an element to Hex 05C7A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05C7A8 }
```

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

```
.background{ background-color:#05C7A8 }
```

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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