

Converting Colors

Hex(06C1A9)

Have a look what the booklet for
Hex(06C1A9) contains.

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Color

Hex(06C1A9)

Conversions

Conversions Part 1

Format	Color
Hex	06C1A9
RGB	6, 193, 169
RGB Percent	2%, 76%, 66%
CMY	0.9765, 0.2431, 0.3373
CMYK	0.97, 0.00, 0.12, 0.24
HSL	172°, 94%, 39%
HSV	172°, 97%, 76%
XYZ	26.3065, 41.0432, 44.0718
YIQ	134.3510, -103.7480, -47.1080

Conversions

Conversions Part 2

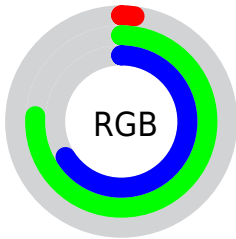
Format	Color
RYB	6, 106, 193
Decimal	442793
CIELab	70.21, -45.73, 0.69
CIELCh	70, 45.738, 179.139
Yxy	41.0432, 0.2361, 0.3684
Android (android.graphics.Color)	4278632873 (0xFF06C1A9)
YUV	134.3510, 17.0820, -112.5638
Hunter-Lab	64.0650, -38.8177, 4.0586

Details

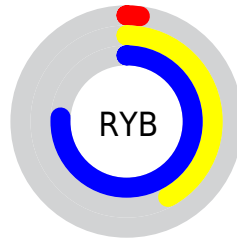
The Hex color **06C1A9** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **C1061E**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **66FAE0**, and **008A75** is the 20% darker color. If you saturate the color by 10%, you get **00C1A8**, and if you desaturate by 10%, it is **19C1AB**.

Distribution



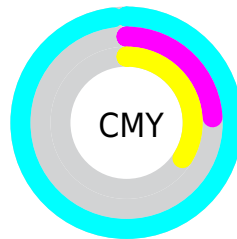
- Red (2%)
- Green (76%)
- Blue (66%)



- Red (2%)
- Yellow (42%)
- Blue (76%)



- Cyan (97%)
- Magenta (0%)
- Yellow (12%)
- Black (24%)



- Cyan (98%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06C1A9 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 06C1A9 by changing the saturation by 10% instead.

 06C1A9

 06C1A9

FFFFFF

 00A58F

 66FAE0

 008A75

 86FFFD

 00705C

 A5FFFF

 005745

 C4FFFF

 003E2F

 E2FFFF

 00291A

 000100

 000000

 06C1A9

 06C1A9

■ 00C1A8

■ 19C1AB

■ 2DC1AE

■ 40C1B0

■ 53C1B3

■ 66C1B5

■ 7AC1B8

■ 8DC1BA

■ A0C1BD

■ B4C1BF

Harmonies

Analogous

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



69BD7F



06C1A9



00C0D3

Triad

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



06C1A9



ADA1F4



E79A65

Complementary

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



06C1A9



C1061E

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.



F98D85



06C1A9



DE92D7

Square

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



06C1A9



64B0FE



F78AAF



C6A957

Rectangle

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



06C1A9



00BDE9



F78AAF



EF956E

Sweetspot

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



06C1A9



B1FAF1



1FC106



517D77



FCFCFC



7D7D7D

Same Dimension

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



06C1A9



00FADA



067CC1



576160



00A18C



00211D

Inverse Universe

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



C1061E



FA0020



C14B06



615758



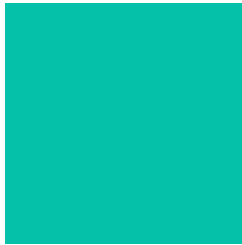
A10015



210004

Previews

White Background



This preview shows how the Hex color 06C1A9 looks on a white background.

Color Contrast Check

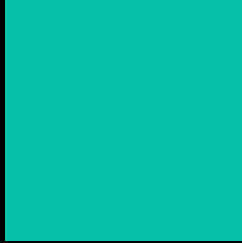
Large Text (above 18pt) WCAG AA × Fail

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 06C1A9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

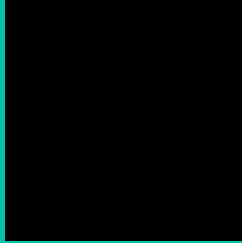
Any Text WCAG AA ✓ Pass

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 06C1A9 Background



This preview shows how black text looks on a background with the Hex color 06C1A9.

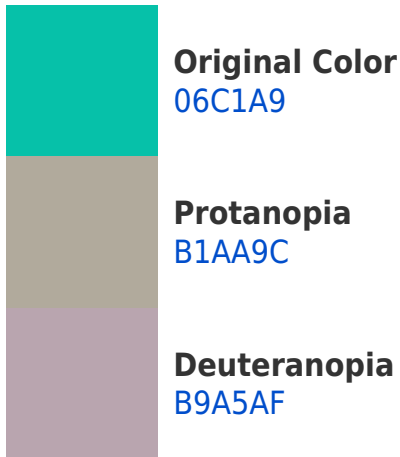


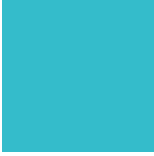
This preview shows how white text looks on a background with the Hex color 06C1A9.

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
34BCCB

Trichromacy



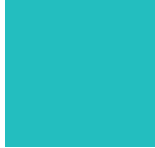
Original Color
06C1A9



Protanomaly
73B2A1



Deuteranomaly
78AFAD



Tritanomaly
23BEBF

Monochromacy



Original Color
06C1A9



Achromatopsia
868686



Achromatomaly
579B93

CSS Examples

Text

The CSS property to change the color of the text to Hex 06C1A9 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 #06C1A9 looks like.

```
.text, #text, p{  
    color:#06C1A9  
}
```

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 #06C1A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06C1A9
}
```

Border

The CSS property to change the border of an element to Hex 06C1A9 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
#06C1A9 }
```

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

```
.border{ border-color:#06C1A9 }
```

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

Here you see how a box with a 4 pixel #06C1A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06C1A9; -webkit-box-shadow:4px 4px  
4px 4px #06C1A9; box-shadow:4px 4px 4px  
4px #06C1A9 }
```

Background

The CSS property to change the background color of an element to Hex 06C1A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06C1A9 }
```

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

```
.background{ background-color:#06C1A9 }
```

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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