

Converting Colors

Hex(00CC9B)

Have a look what the booklet for
Hex(00CC9B) contains.

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Color

Hex(00CC9B)

Conversions

Conversions Part 1

Format	Color
Hex	00CC9B
RGB	0, 204, 155
RGB Percent	0%, 80%, 61%
CMY	1.0000, 0.2000, 0.3922
CMYK	1.00, 0.00, 0.24, 0.20
HSL	166°, 100%, 40%
HSV	166°, 100%, 80%
XYZ	27.5093, 45.5523, 38.3529
YIQ	137.4180, -105.8550, -58.4870

Conversions

Conversions Part 2

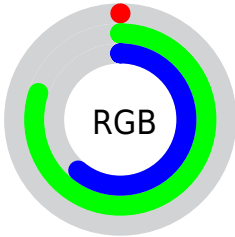
Format	Color
RYB	0, 116, 204
Decimal	52379
CIELab	73.25, -53.98, 12.64
CIELCh	73, 55.439, 166.820
Yxy	45.5523, 0.2469, 0.4089
Android (android.graphics.Color)	4278242459 (0xFF00CC9B)
YUV	137.4180, 8.6679, -120.5156
Hunter-Lab	67.4924, -45.3569, 13.5529

Details

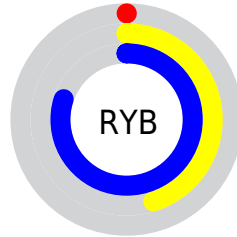
The Hex color **00CC9B** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **CC0031**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **66FFD1**, and **009468** is the 20% darker color. If you saturate the color by 10%, you get **00CC9B**, and if you desaturate by 10%, it is **14CCA0**.

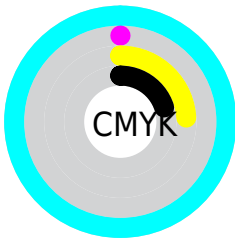
Distribution



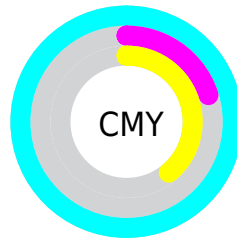
- Red (0%)
- Green (80%)
- Blue (61%)



- Red (0%)
- Yellow (45%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00CC9B 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 00CC9B by changing the saturation by 10% instead.

 00CC9B

 00CC9B

FFFFFF

 00B081

 66FFD1

 009468

 87FFEE

 007A50

 A6FFFF

 006039

 C5FFFF

 004723

 E4FFFF

 00300E

 001400

 000000

 00CC9B

 14CCA0

 29CCA5

 3DCCAA

 52CCAF

 66CCB4

 7ACCB8

 8FCCBD

 A3CCC2

 B8CCC7

Harmonies

Analogous

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



7BC66C



00CC9B



00CDD0

Triad

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



00CC9B



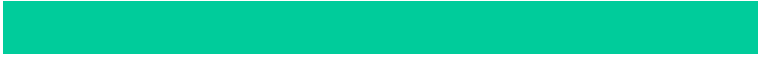
91AFFF



FF966C

Complementary

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



00CC9B



CC0031

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.



FF8999



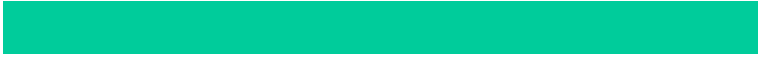
00CC9B



DC9BFA

Square

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



00CC9B



00C0FF



FF8BCD



E4A94E

Rectangle

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



00CC9B



00CCEF



FF8BCD



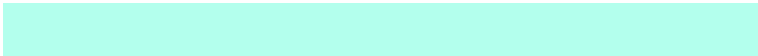
FF917A

Sweetspot

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



00CC9B



B3FFED



33CC00



528074



000000



808080

Same Dimension

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



00CC9B



00FFC2



0099CC



5C6664



00A67E



00261D

Inverse Universe

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



CC0031



FF003D



CC3300



665C5E



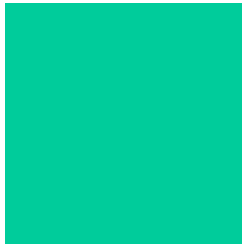
A60028



260009

Previews

White Background



This preview shows how the Hex color 00CC9B 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 00CC9B 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 00CC9B Background



This preview shows how black text looks on a background with the Hex color 00CC9B.

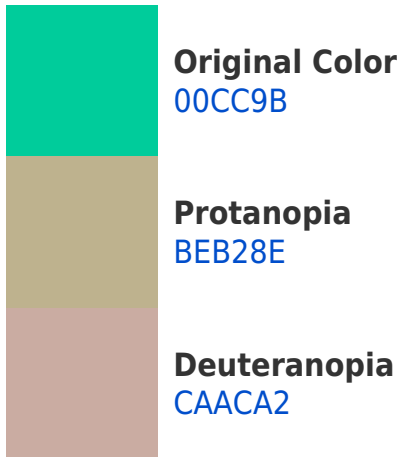


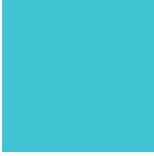
This preview shows how white text looks on a background with the Hex color 00CC9B.

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
41C4D4

Trichromacy



Original Color
00CC9B



Protanomaly
79BB93



Deuteranomaly
81B89F



Tritanomaly
29C7BF

Monochromacy



Original Color
00CC9B



Achromatopsia
898989



Achromatomaly
57A190

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CC9B 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 #00CC9B looks like.

```
.text, #text, p{  
    color:#00CC9B  
}
```

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 #00CC9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CC9B
}
```

Border

The CSS property to change the border of an element to Hex 00CC9B 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
#00CC9B }
```

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

```
.border{ border-color:#00CC9B }
```

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

Here you see how a box with a 4 pixel #00CC9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CC9B; -webkit-box-shadow:4px 4px  
4px 4px #00CC9B; box-shadow:4px 4px 4px  
4px #00CC9B }
```

Background

The CSS property to change the background color of an element to Hex 00CC9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CC9B }
```

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

```
.background{ background-color:#00CC9B }
```

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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