

Converting Colors

Hex(00CCAB)

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

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Color

Hex(00CCAB)

Conversions

Conversions Part 1

Format	Color
Hex	00CCAB
RGB	0, 204, 171
RGB Percent	0%, 80%, 67%
CMY	1.0000, 0.2000, 0.3294
CMYK	1.00, 0.00, 0.16, 0.20
HSL	170°, 100%, 40%
HSV	170°, 100%, 80%
XYZ	28.9436, 46.1260, 45.9058
YIQ	139.2420, -110.9910, -53.5110

Conversions

Conversions Part 2

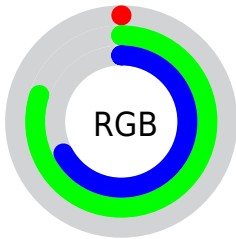
Format	Color
RYB	0, 111, 204
Decimal	52395
CIELab	73.63, -49.94, 4.56
CIELCh	74, 50.144, 174.781
Yxy	46.1260, 0.2393, 0.3813
Android (android.graphics.Color)	4278242475 (0xFF00CCAB)
YUV	139.2420, 15.6567, -122.1152
Hunter-Lab	67.9161, -42.7826, 7.4661

Details

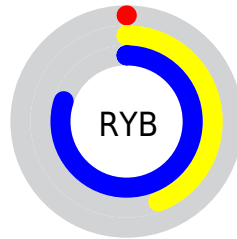
The Hex color **00CCAB** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **CC0021**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **67FFE2**, and **009577** is the 20% darker color. If you saturate the color by 10%, you get **00CCAB**, and if you desaturate by 10%, it is **14CCAЕ**.

Distribution



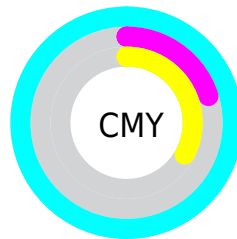
- Red (0%)
- Green (80%)
- Blue (67%)



- Red (0%)
- Yellow (44%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients

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

 00CCAB

 00CCAB

FFFFFF

 00B091

 67FFE2

 009577

 88FFFF

 007A5E

 A7FFFF

 006047

 C6FFFF

 004730

 E5FFFF

 00301B

 001501

 000000

 00CCAB

 14CCAЕ

 29CCB2

 3DCCB5

 52CCB8

 66CCBB

 7ACCBF

 8FCCC2

 A3CCC5

 B8CCC9

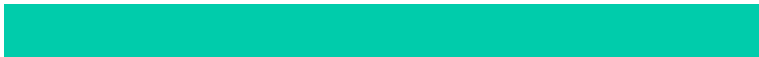
Harmonies

Analogous

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



73C77E



00CCAB



00CCDA

Triad

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



00CCAB



ACACFF



FA9F6B

Complementary

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



00CCAB



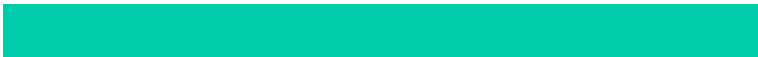
CC0021

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.



FF9291



00CCAB



E69AEB

Square

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



00CCAB



51BCFF



FF8FBF



D8B057

Rectangle

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



00CCAB



00C9F4



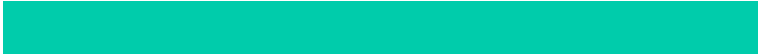
FF8FBF



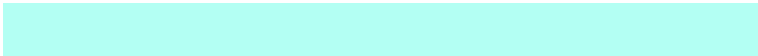
FF9A76

Sweetspot

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



00CCAB



B3FFF3



22CC00



528078



000000



808080

Same Dimension

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



00CCAB



00FFD6



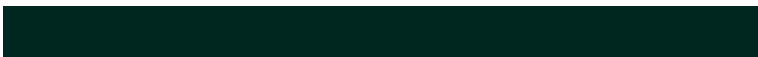
0088CC



5C6664



00A68B



002620

Inverse Universe

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



CC0021



FF0029



CC4400



665C5D



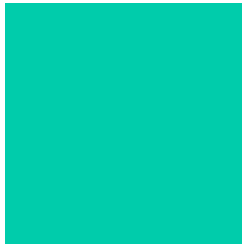
A6001B



260006

Previews

White Background



This preview shows how the Hex color 00CCAB looks on a white background.

Color Contrast Check

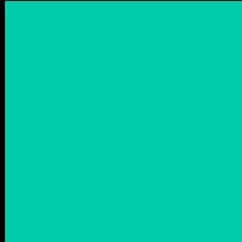
Large Text (above 18pt) WCAG AA × Fail

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 00CCAB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

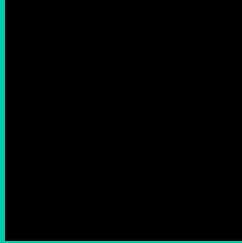
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

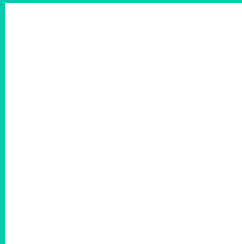
Any Text WCAG AAA ✓ Pass

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

Hex 00CCAB Background



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



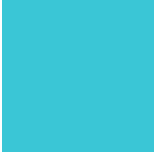
This preview shows how white text looks on a background with the Hex color 00CCAB.

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
3AC6D6

Trichromacy



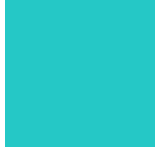
Original Color
00CCAB



Protanomaly
78BCA3

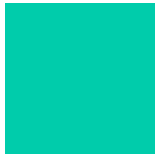


Deuteranomaly
7DB9AF



Tritanomaly
25C8C6

Monochromacy



Original Color
00CCAB



Achromatopsia
8B8B8B



Achromatomaly
58A397

CSS Examples

Text

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

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

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 #00CCAB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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