

Converting Colors

Hex(02CBB9)

Have a look what the booklet for
Hex(02CBB9) contains.

Hex(02CBB9)	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(02CBB9)

Conversions

Conversions Part 1

Format	Color
Hex	02CBB9
RGB	2, 203, 185
RGB Percent	1%, 80%, 73%
CMY	0.9922, 0.2039, 0.2745
CMYK	0.99, 0.00, 0.09, 0.20
HSL	175°, 98%, 40%
HSV	175°, 99%, 80%
XYZ	30.1379, 46.2276, 53.2333
YIQ	140.8490, -114.0180, -48.2100

Conversions

Conversions Part 2

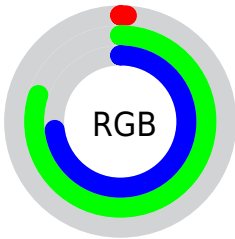
Format	Color
RYB	2, 107, 203
Decimal	183225
CIELab	73.69, -45.65, -2.91
CIELCh	74, 45.747, 183.652
Yxy	46.2276, 0.2325, 0.3567
Android (android.graphics.Color)	4278373305 (0xFF02CBB9)
YUV	140.8490, 21.7664, -121.7706
Hunter-Lab	67.9909, -39.8613, 1.1726

Details

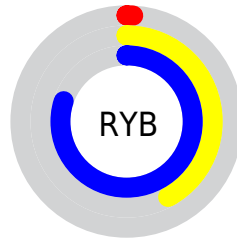
The Hex color **02CBB9** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **CB0214**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **69FFF1**, and **009484** is the 20% darker color. If you saturate the color by 10%, you get **00CBB9**, and if you desaturate by 10%, it is **16CBBB**.

Distribution



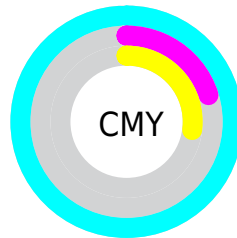
- Red (1%)
- Green (80%)
- Blue (73%)



- Red (1%)
- Yellow (42%)
- Blue (80%)



- Cyan (99%)
- Magenta (0%)
- Yellow (9%)
- Black (20%)



- Cyan (99%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02CBB9 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 02CBB9 by changing the saturation by 10% instead.

 02CBB9

 02CBB9

FFFFFF

 00AF9E

 69FFF1

 009484

 89FFFF

 00796B

 A9FFFF

 006053

 C8FFFF

 00473C

 E7FFFF

 003026

 001612

 000000

 02CBB9

 02CBB9

■ 00CBB9

■ 16CBBB

■ 2BCBBD

■ 3FCBBE

■ 53CBC0

■ 68CBC2

■ 7CCBC4

■ 90CBC6

■ A4CBC8

■ B9CBC9

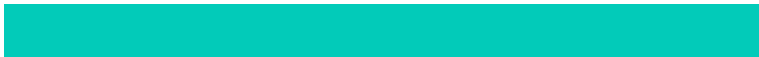
Harmonies

Analogous

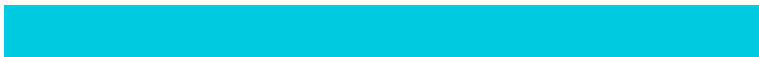
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69C88E



02CBB9



00CAE2

Triad

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



02CBB9



C0A8FB



EDA66A

Complementary

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



02CBB9



CB0214

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.



FF9889



02CBB9



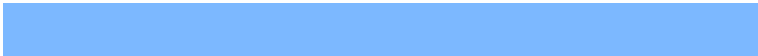
EE9ADB

Square

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



02CBB9



7CB8FF



FF93B1



CAB460

Rectangle

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



02CBB9



00C6F8



FF93B1



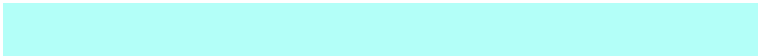
F6A173

Sweetspot

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



02CBB9



B3FFF8



16CB02



52807B



000000



808080

Same Dimension

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



02CBB9



00FFE8



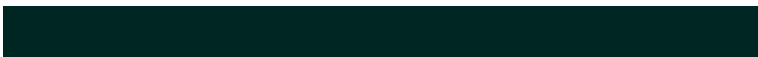
027BCB



5C6665



00A697



002623

Inverse Universe

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



CB0214



FF0017



CB5202



665C5D



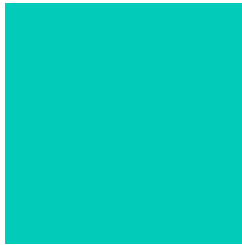
A6000F



260003

Previews

White Background



This preview shows how the Hex color 02CBB9 looks on a white background.

Color Contrast Check

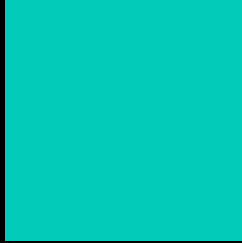
Large Text (above 18pt) WCAG AA × Fail

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 02CBB9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

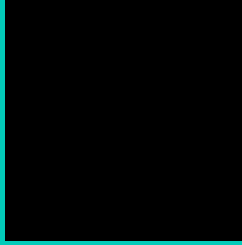
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

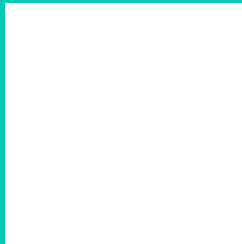
Any Text WCAG AAA ✓ Pass

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

Hex 02CBB9 Background



This preview shows how black text looks on a background with the Hex color 02CBB9.



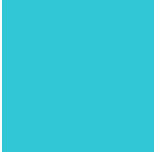
This preview shows how white text looks on a background with the Hex color 02CBB9.

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
32C7D7

Trichromacy



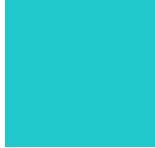
Original Color
02CBB9



Protanomaly
76BCB0



Deuteranomaly
7BB9BD



Tritanomaly
21C8CC

Monochromacy



Original Color
02CBB9



Achromatopsia
8D8D8D



Achromatomaly
5AA49D

CSS Examples

Text

The CSS property to change the color of the text to Hex 02CBB9 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 #02CBB9 looks like.

```
.text, #text, p{  
    color:#02CBB9  
}
```

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 #02CBB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02CBB9
}
```

Border

The CSS property to change the border of an element to Hex 02CBB9 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
#02CBB9 }
```

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

```
.border{ border-color:#02CBB9 }
```

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

Here you see how a box with a 4 pixel #02CBB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02CBB9; -webkit-box-shadow:4px 4px  
4px 4px #02CBB9; box-shadow:4px 4px 4px  
4px #02CBB9 }
```

Background

The CSS property to change the background color of an element to Hex 02CBB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02CBB9 }
```

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

```
.background{ background-color:#02CBB9 }
```

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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