

Converting Colors

Hex(02D0BC)

Have a look what the booklet for
Hex(02D0BC) contains.

Hex(02D0BC)	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(02D0BC)

Conversions

Conversions Part 1

Format	Color
Hex	02D0BC
RGB	2, 208, 188
RGB Percent	1%, 82%, 74%
CMY	0.9922, 0.1843, 0.2627
CMYK	0.99, 0.00, 0.10, 0.18
HSL	174°, 98%, 41%
HSV	174°, 99%, 82%
XYZ	31.6580, 48.7555, 55.3192
YIQ	144.1260, -116.3560, -49.8920

Conversions

Conversions Part 2

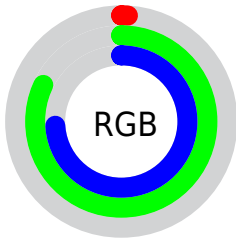
Format	Color
RYB	2, 110, 208
Decimal	184508
CIELab	75.30, -46.94, -2.18
CIELCh	75, 46.989, 182.655
Yxy	48.7555, 0.2332, 0.3592
Android (android.graphics.Color)	4278374588 (0xFF02D0BC)
YUV	144.1260, 21.6299, -124.6445
Hunter-Lab	69.8251, -41.2639, 1.9049

Details

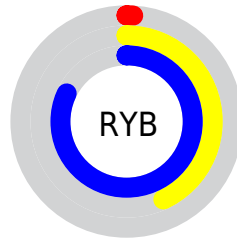
The Hex color **02D0BC** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **D00216**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **6AFFF4**, and **009987** is the 20% darker color. If you saturate the color by 10%, you get **00D0BC**, and if you desaturate by 10%, it is **17D0BE**.

Distribution



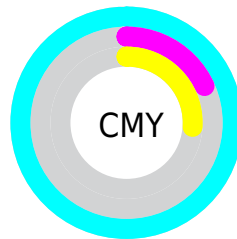
- Red (1%)
- Green (82%)
- Blue (74%)



- Red (1%)
- Yellow (43%)
- Blue (82%)



- Cyan (99%)
- Magenta (0%)
- Yellow (10%)
- Black (18%)



- Cyan (99%)
- Magenta (18%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02D0BC 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 02D0BC by changing the saturation by 10% instead.

 02D0BC

 02D0BC

FFFFFF

 00B4A1

 6AFF4

 009987

 8BFFF

 007E6E

 ABFFF

 006455

 CAFFF

 004B3E

 E9FFF

 003329

 001C14

 000000

 02D0BC

 02D0BC

00D0BC

17D0BE

2CD0C0

40D0C2

55D0C4

6AD0C6

7FD0C8

94D0CA

A8D0CC

BDD0CE

Harmonies

Analogous

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



6DCD90



02D0BC



00CFE7

Triad

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



02D0BC



C3ADFF



F4A96D

Complementary

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



02D0BC



D00216

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.



FF9B8D



02D0BC



F39DE2

Square

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



02D0BC



7BBDFE



FF96B7



D1B861

Rectangle

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



02D0BC



00CBFD



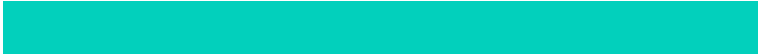
FF96B7



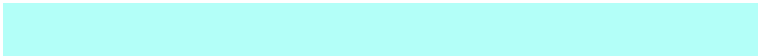
FDA476

Sweetspot

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



02D0BC



B3FFF8



17D002



52807B



000000



808080

Same Dimension

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



02D0BC



00FFE6



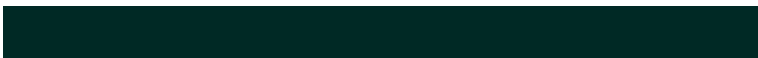
027ED0



5E6968



00A898



002925

Inverse Universe

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



D00216



FF0019



D05402



695E5F



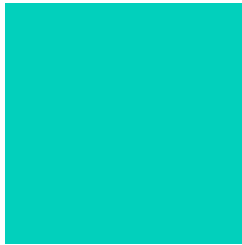
A80010



290004

Previews

White Background



This preview shows how the Hex color 02D0BC looks on a white background.

Color Contrast Check

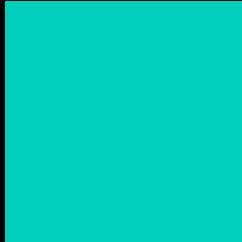
Large Text (above 18pt) WCAG AA × Fail

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 02D0BC 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

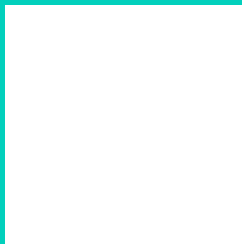
Any Text WCAG AAA ✓ Pass

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

Hex 02D0BC Background



This preview shows how black text looks on a background with the Hex color 02D0BC.



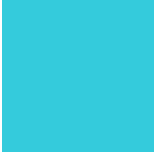
This preview shows how white text looks on a background with the Hex color 02D0BC.

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
34CBDC

Trichromacy



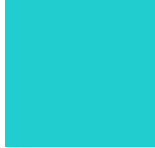
Original Color
02D0BC



Protanomaly
7AC0B3



Deuteranomaly
7EBE00



Tritanomaly
22CDD0

Monochromacy



Original Color
02D0BC



Achromatopsia
909090



Achromatomaly
5CA7A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 02D0BC 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 #02D0BC looks like.

```
.text, #text, p{  
    color:#02D0BC  
}
```

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 #02D0BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02D0BC
}
```

Border

The CSS property to change the border of an element to Hex 02D0BC 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
#02D0BC }
```

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

```
.border{ border-color:#02D0BC }
```

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

Here you see how a box with a 4 pixel #02D0BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02D0BC; -webkit-box-shadow:4px 4px  
4px 4px #02D0BC; box-shadow:4px 4px 4px  
4px #02D0BC }
```

Background

The CSS property to change the background color of an element to Hex 02D0BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02D0BC }
```

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

```
.background{ background-color:#02D0BC }
```

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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