

Converting Colors

Hex(02BE96)

Have a look what the booklet for
Hex(02BE96) contains.

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Color

Hex(02BE96)

Conversions

Conversions Part 1

Format	Color
Hex	02BE96
RGB	2, 190, 150
RGB Percent	1%, 75%, 59%
CMY	0.9922, 0.2549, 0.4118
CMYK	0.99, 0.00, 0.21, 0.25
HSL	167°, 98%, 38%
HSV	167°, 99%, 75%
XYZ	23.9435, 39.0418, 35.1280
YIQ	129.2280, -99.2080, -52.2960

Conversions

Conversions Part 2

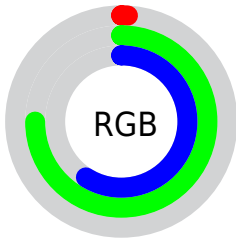
Format	Color
RYB	2, 107, 190
Decimal	179862
CIELab	68.78, -49.66, 9.00
CIELCh	69, 50.466, 169.722
Yxy	39.0418, 0.2440, 0.3979
Android (android.graphics.Color)	4278369942 (0xFF02BE96)
YUV	129.2280, 10.2406, -111.5790
Hunter-Lab	62.4835, -40.9453, 10.4057

Details

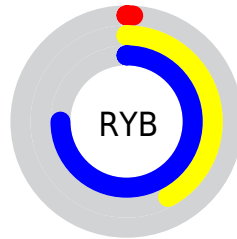
The Hex color **02BE96** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BE022A**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **63F7CC**, and **008763** is the 20% darker color. If you saturate the color by 10%, you get **00BE96**, and if you desaturate by 10%, it is **15BE9A**.

Distribution



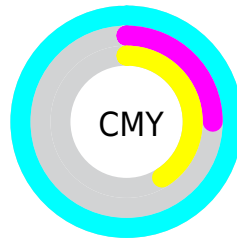
- Red (1%)
- Green (75%)
- Blue (59%)



- Red (1%)
- Yellow (42%)
- Blue (75%)



- Cyan (99%)
- Magenta (0%)
- Yellow (21%)
- Black (25%)



- Cyan (99%)
- Magenta (25%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02BE96 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 02BE96 by changing the saturation by 10% instead.

 02BE96

 02BE96

FFFFFF

 00A27C

 63F7CC

 008763

 83FFE8

 006D4B

 A2FFFF

 005435

 C0FFFF

 003B1F

 DFFFFF

 002508

FDFFFF

 000000

 02BE96

 02BE96

 00BE96

 15BE9A

 28BE9E

 3BBEA2

 4EBEA6

 61BEAA

 74BEAE

 87BEB2

 9ABEB6

 ADBEBA

Harmonies

Analogous

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



70B96B



02BE96



00BFC5

Triad

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



02BE96



92A2FE



F08F64

Complementary

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



02BE96



BE022A

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.



FE838B



02BE96



D190E3

Square

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



02BE96



12B1FF



F483BA



D0A04C

Rectangle

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



02BE96



00BDE1



F483BA



F78A70

Sweetspot

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



02BE96



ADF7E8



2BBE02



507D73



FCFCFC



7D7D7D

Same Dimension

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



02BE96



00F7C3



0289BE



555E5C



009E7C



001F18

Inverse Universe

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



BE022A



F70035



BE3702



5E5557



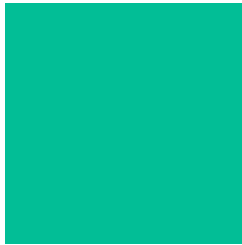
9E0022



1F0007

Previews

White Background



This preview shows how the Hex color 02BE96 looks on a white background.

Color Contrast Check

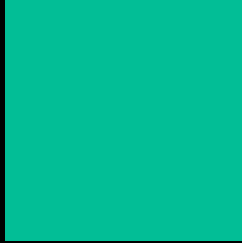
Large Text (above 18pt) WCAG AA × Fail

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 02BE96 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

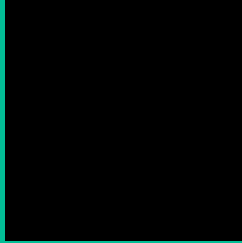
Any Text WCAG AA ✓ Pass

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 02BE96 Background



This preview shows how black text looks on a background with the Hex color 02BE96.

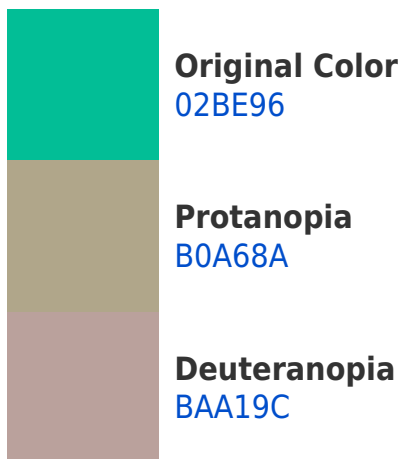


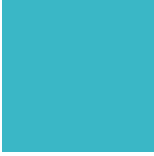
This preview shows how white text looks on a background with the Hex color 02BE96.

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
3AB7C6

Trichromacy



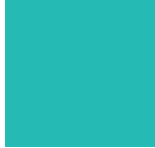
Original Color
02BE96



Protanomaly
71AF8E



Deuteranomaly
77AC9A



Tritanomaly
26BAB5

Monochromacy



Original Color
02BE96



Achromatopsia
818181



Achromatomaly
539789

CSS Examples

Text

The CSS property to change the color of the text to Hex 02BE96 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 #02BE96 looks like.

```
.text, #text, p{  
    color:#02BE96  
}
```

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 #02BE96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02BE96
}
```

Border

The CSS property to change the border of an element to Hex 02BE96 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
#02BE96 }
```

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

```
.border{ border-color:#02BE96 }
```

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

Here you see how a box with a 4 pixel #02BE96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02BE96; -webkit-box-shadow:4px 4px  
4px 4px #02BE96; box-shadow:4px 4px 4px  
4px #02BE96 }
```

Background

The CSS property to change the background color of an element to Hex 02BE96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02BE96 }
```

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

```
.background{ background-color:#02BE96 }
```

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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