

Converting Colors

Hex(02B4B4)

Have a look what the booklet for
Hex(02B4B4) contains.

Hex(02B4B4)	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(02B4B4)

Conversions

Conversions Part 1

Format	Color
Hex	02B4B4
RGB	2, 180, 180
RGB Percent	1%, 71%, 71%
CMY	0.9922, 0.2941, 0.2941
CMYK	0.99, 0.00, 0.00, 0.29
HSL	180°, 98%, 36%
HSV	180°, 99%, 71%
XYZ	24.5845, 35.9507, 48.8235
YIQ	126.7780, -106.0880, -37.7360

Conversions

Conversions Part 2

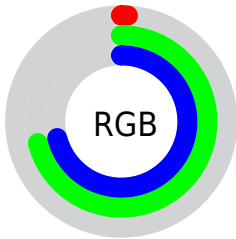
Format	Color
RYB	2, 91, 180
Decimal	177332
CIELab	66.48, -36.95, -10.87
CIELCh	66, 38.518, 196.391
Yxy	35.9507, 0.2248, 0.3287
Android (android.graphics.Color)	4278367412 (0xFF02B4B4)
YUV	126.7780, 26.2384, -109.4303
Hunter-Lab	59.9589, -31.7390, -6.3075

Details

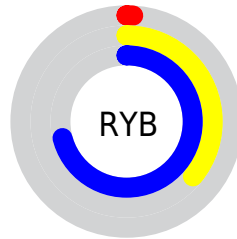
The Hex color **02B4B4** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B40202**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **64ECEC**, and **007E7F** is the 20% darker color. If you saturate the color by 10%, you get **00B4B4**, and if you desaturate by 10%, it is **14B4B4**.

Distribution



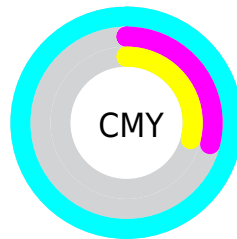
- Red (1%)
- Green (71%)
- Blue (71%)



- Red (1%)
- Yellow (36%)
- Blue (71%)



- Cyan (99%)
- Magenta (0%)
- Yellow (0%)
- Black (29%)



- Cyan (99%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02B4B4 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 02B4B4 by changing the saturation by 10% instead.

 02B4B4

 02B4B4


FFFFFF

 009999

 64ECEC

 007E7F

 84FFFF

 006566

 A3FFFF

 004C4E

 C1FFFF

 003438

 E0FFFF

 002022

 00000C

 000000

 02B4B4

 02B4B4

00B4B4

14B4B4

26B4B4

38B4B4

4AB4B4

5CB4B4

6EB4B4

80B4B4

92B4B4

A4B4B4

Harmonies

Analogous

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



50B390



02B4B4



00B1D3

Triad

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



02B4B4



BD92D2



C69A5E

Complementary

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



02B4B4



B40202

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.



DD8E71



02B4B4



DB88B3

Square

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



02B4B4



8E9FE4



E58790



A5A65E

Rectangle

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



02B4B4



36ADE0



E58790



CF9663

Sweetspot

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



02B4B4



A4EBEB



02B402



4B7575



F5F5F5



757575

Same Dimension

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



02B4B4



00EBEB



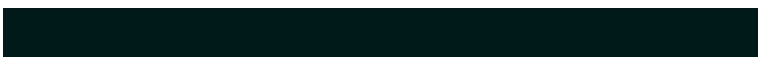
025BB4



505959



009999



001A1A

Inverse Universe

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



B402B4



EB00EB



B45B02



595059



990099



1A001A

Previews

White Background



This preview shows how the Hex color 02B4B4 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 02B4B4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

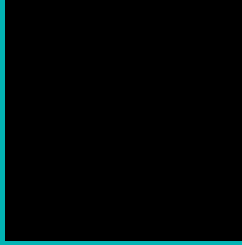
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

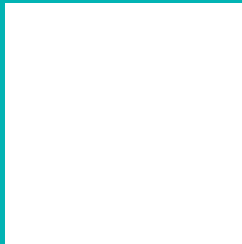
Any Text WCAG AAA ✓ Pass

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

Hex 02B4B4 Background



This preview shows how black text looks on a background with the Hex color 02B4B4.

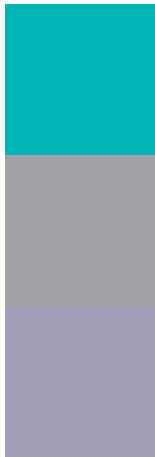


This preview shows how white text looks on a background with the Hex color 02B4B4.

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](#).

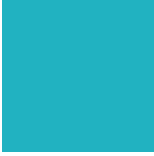
Dichromacy



Original Color
02B4B4

Protanopia
A1A0A7

Deuteranopia
A49DB9

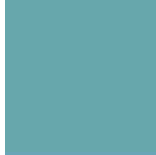


Tritanopia
21B2C1

Trichromacy



Original Color
02B4B4



Protanomaly
67A7AC



Deuteranomaly
69A5B7



Tritanomaly
16B3BC

Monochromacy



Original Color
02B4B4



Achromatopsia
7F7F7F



Achromatomaly
529292

CSS Examples

Text

The CSS property to change the color of the text to Hex 02B4B4 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 #02B4B4 looks like.

```
.text, #text, p{  
    color:#02B4B4  
}
```

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 #02B4B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02B4B4
}
```

Border

The CSS property to change the border of an element to Hex 02B4B4 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
#02B4B4 }
```

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

```
.border{ border-color:#02B4B4 }
```

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

Here you see how a box with a 4 pixel #02B4B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02B4B4; -webkit-box-shadow:4px 4px  
4px 4px #02B4B4; box-shadow:4px 4px 4px  
4px #02B4B4 }
```

Background

The CSS property to change the background color of an element to Hex 02B4B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02B4B4 }
```

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

```
.background{ background-color:#02B4B4 }
```

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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