

Converting Colors

Hex(02D4B4)

Have a look what the booklet for
Hex(02D4B4) contains.

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Color

Hex(02D4B4)

Conversions

Conversions Part 1

Format	Color
Hex	02D4B4
RGB	2, 212, 180
RGB Percent	1%, 83%, 71%
CMY	0.9922, 0.1686, 0.2941
CMYK	0.99, 0.00, 0.15, 0.17
HSL	171°, 98%, 42%
HSV	171°, 99%, 83%
XYZ	31.8067, 50.3952, 51.2309
YIQ	145.5620, -114.8880, -54.4720

Conversions

Conversions Part 2

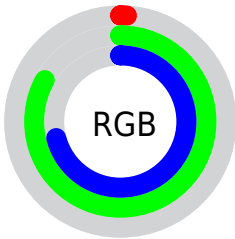
Format	Color
RYB	2, 116, 212
Decimal	185524
CIELab	76.31, -50.76, 3.60
CIElCh	76, 50.887, 175.942
Yxy	50.3952, 0.2384, 0.3777
Android (android.graphics.Color)	4278375604 (0xFF02D4B4)
YUV	145.5620, 16.9779, -125.9039
Hunter-Lab	70.9895, -44.2551, 6.9050

Details

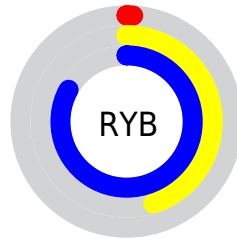
The Hex color **02D4B4** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **D40222**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **6AFFEC**, and **009C7F** is the 20% darker color. If you saturate the color by 10%, you get **00D4B4**, and if you desaturate by 10%, it is **17D4B7**.

Distribution



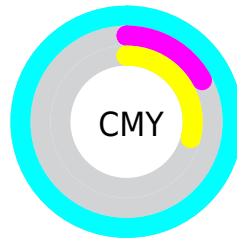
- Red (1%)
- Green (83%)
- Blue (71%)



- Red (1%)
- Yellow (45%)
- Blue (83%)



- Cyan (99%)
- Magenta (0%)
- Yellow (15%)
- Black (17%)



- Cyan (99%)
- Magenta (17%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02D4B4 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 02D4B4 by changing the saturation by 10% instead.

 02D4B4

 02D4B4

FFFFFF

 00B899

 6AFFEC

 009C7F

 8BFFFF

 008166

 ABFFFF

 00674E

 CAFFFF

 004E38

 E9FFFF

 003622

 001E0D

 000000

 02D4B4

 02D4B4

■ 00D4B4

■ 17D4B7

■ 2CD4BA

■ 42D4BE

■ 57D4C1

■ 6CD4C4

■ 81D4C7

■ 96D4CB

■ ACD4CE

■ C1D4D1

Harmonies

Analogous

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



77CF86



02D4B4



00D4E4

Triad

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



02D4B4



B6B2FF



FFA66F

Complementary

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



02D4B4



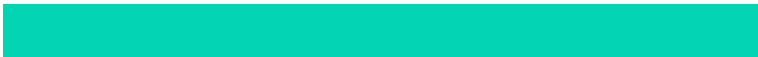
D40222

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.



FF9996



02D4B4



F1A1F2

Square

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



02D4B4



5CC3FF



FF96C5



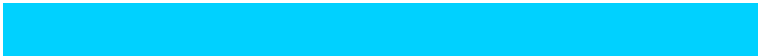
DEB75C

Rectangle

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



02D4B4



00D1FF



FF96C5



FFA17B

Sweetspot

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



02D4B4



B3FFF3



25D402



528079



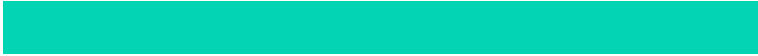
000000



808080

Same Dimension

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



02D4B4



00FFD8



028ED4



606B69



00AB91



002B25

Inverse Universe

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



D40222



FF0027



D44802



6B6062



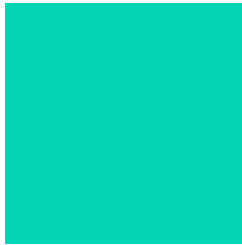
AB001A



2B0007

Previews

White Background



This preview shows how the Hex color 02D4B4 looks on a white background.

Color Contrast Check

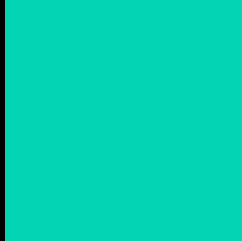
Large Text (above 18pt) WCAG AA × Fail

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 02D4B4 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

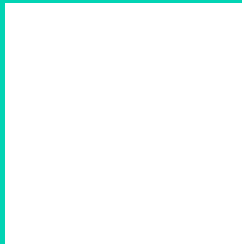
Any Text WCAG AAA ✓ Pass

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

Hex 02D4B4 Background



This preview shows how black text looks on a background with the Hex color 02D4B4.



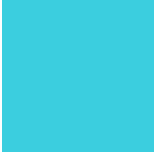
This preview shows how white text looks on a background with the Hex color 02D4B4.

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
3BCEDF

Trichromacy



Original Color
02D4B4



Protanomaly
7DC3AB



Deuteranomaly
83C0B8



Tritanomaly
26D0CF

Monochromacy



Original Color
02D4B4



Achromatopsia
929292



Achromatomaly
5EAA9E

CSS Examples

Text

The CSS property to change the color of the text to Hex 02D4B4 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 #02D4B4 looks like.

```
.text, #text, p{  
    color:#02D4B4  
}
```

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 #02D4B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02D4B4
}
```

Border

The CSS property to change the border of an element to Hex 02D4B4 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
#02D4B4 }
```

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

```
.border{ border-color:#02D4B4 }
```

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

Here you see how a box with a 4 pixel #02D4B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02D4B4; -webkit-box-shadow:4px 4px  
4px 4px #02D4B4; box-shadow:4px 4px 4px  
4px #02D4B4 }
```

Background

The CSS property to change the background color of an element to Hex 02D4B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02D4B4 }
```

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

```
.background{ background-color:#02D4B4 }
```

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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