

# Converting Colors

Hex(02C2D4)

Have a look what the booklet for  
Hex(02C2D4) contains.

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# Color

Hex(02C2D4)

# Conversions

## Conversions Part 1

Format	Color
Hex	02C2D4
RGB	2, 194, 212
RGB Percent	1%, 76%, 83%
CMY	0.9922, 0.2392, 0.1686
CMYK	0.99, 0.08, 0.00, 0.17
HSL	185°, 98%, 42%
HSV	185°, 99%, 83%
XYZ	31.2005, 43.3499, 69.0103
YIQ	138.6440, -120.2100, -35.1060

# Conversions

## Conversions Part 2

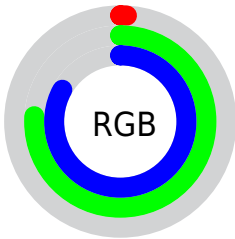
Format	Color
<a href="#">RYB</a>	<a href="#">2, 102, 212</a>
Decimal	<a href="#">180948</a>
CIELab	<a href="#">71.79, -33.50, -20.43</a>
CIELCh	<a href="#">72, 39.238, 211.379</a>
Yxy	<a href="#">43.3499, 0.2173, 0.3020</a>
Android (android.graphics.Color)	<a href="#">4278371028</a> ( <a href="#">0xFF02C2D4</a> )
YUV	<a href="#">138.6440, 36.1645, -119.8368</a>
Hunter-Lab	<a href="#">65.8407, -30.6339, -16.0558</a>

# Details

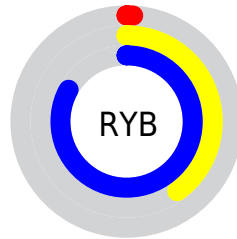
The Hex color **02C2D4** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D41402**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **6AFBFF**, and **008C9D** is the 20% darker color. If you saturate the color by 10%, you get **00C2D4**, and if you desaturate by 10%, it is **17C4D4**.

# Distribution



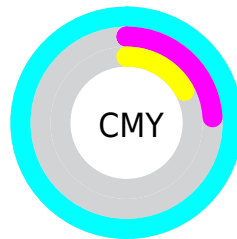
- Red (1%)
- Green (76%)
- Blue (83%)



- Red (1%)
- Yellow (40%)
- Blue (83%)



- Cyan (99%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)



- Cyan (99%)
- Magenta (24%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 02C2D4 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 02C2D4 by changing the saturation by 10% instead.



 02C2D4

 02C2D4

FFFFFF

 00A7B8

 6AFBFF

 008C9D

 8CFFFF

 007283

 ABFFFF

 00596A


 CBFFFF

 004152

 EAFFFF

 002A3B

 000E25

 00010F

 000000

■ 02C2D4

■ 02C2D4

■ 00C2D4

■ 17C4D4

■ 2CC6D4

■ 42C7D4

■ 57C9D4

■ 6CCBD4

■ 81CDD4

■ 96CFD4

■ ACD1D4

■ C1D2D4

# Harmonies

## Analogous

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



43C3B0



02C2D4



3BBDEE

# Triad

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



02C2D4



DE9AD3



C6AE68

# Complementary

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



02C2D4



D41402

# 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.



E3A272



02C2D4



F394B0

# Square

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



02C2D4



B6A6ED



F4978C



A0B971

# Rectangle

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



02C2D4



69B7F6



F4978C



D1AA69

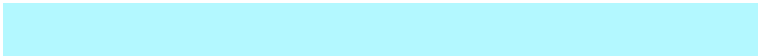


# Sweetspot

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



02C2D4



B3F8FF



02D413



527C80



000000



808080



# Same Dimension

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



02C2D4



00E9FF



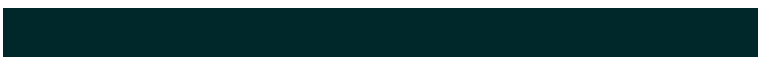
025AD4



606A6B



009CAB



00282B



# Inverse Universe

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



D402C2



FF00E9



D47D02



6B606A



AB009C

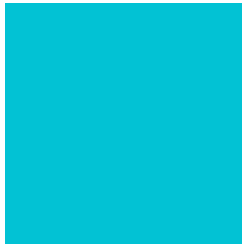


2B0028



# Previews

## White Background



This preview shows how the Hex color 02C2D4 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 02C2D4 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 02C2D4 Background



This preview shows how black text looks on a background with the Hex color 02C2D4.

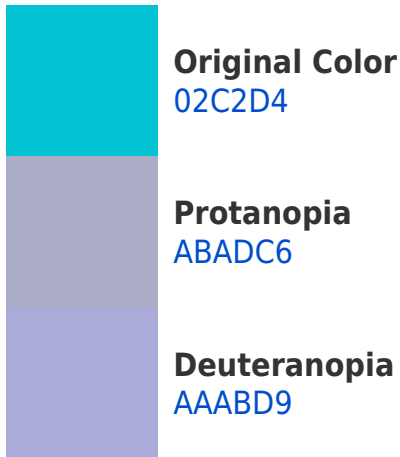


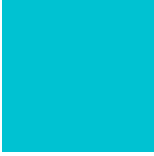
This preview shows how white text looks on a background with the Hex color 02C2D4.

# 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



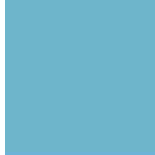


**Tritanopia**  
00C2D2

# Trichromacy



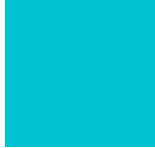
**Original Color**  
02C2D4



**Protanomaly**  
6EB5CB



**Deuteranomaly**  
6DB3D7



**Tritanomaly**  
01C2D3

# Monochromacy



**Original Color**  
02C2D4



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
599FA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 02C2D4 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 #02C2D4 looks like.

```
.text, #text, p{  
    color:#02C2D4  
}
```

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 #02C2D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02C2D4
}
```

## Border

The CSS property to change the border of an element to Hex 02C2D4 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
#02C2D4 }
```

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

```
.border{ border-color:#02C2D4 }
```

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

Here you see how a box with a 4 pixel #02C2D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02C2D4; -webkit-box-shadow:4px 4px  
4px 4px #02C2D4; box-shadow:4px 4px 4px  
4px #02C2D4 }
```

# Background

The CSS property to change the background color of an element to Hex 02C2D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02C2D4 }
```

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

```
.background{ background-color:#02C2D4 }
```

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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