

# Converting Colors

Hex(02C4DA)

Have a look what the booklet for  
Hex(02C4DA) contains.

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# Color

Hex(02C4DA)

# Conversions

## Conversions Part 1

Format	Color
Hex	02C4DA
RGB	2, 196, 218
RGB Percent	1%, 77%, 85%
CMY	0.9922, 0.2314, 0.1451
CMYK	0.99, 0.10, 0.00, 0.15
HSL	186°, 98%, 43%
HSV	186°, 99%, 85%
XYZ	32.4199, 44.5547, 73.2209
YIQ	140.5020, -122.6860, -34.2860

# Conversions

## Conversions Part 2

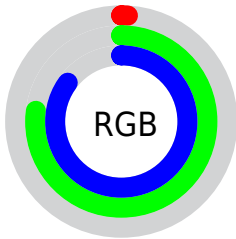
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 104, 218
Decimal	181466
CIELab	72.60, -32.54, -22.47
CIELCh	73, 39.540, 214.626
Yxy	44.5547, 0.2159, 0.2966
Android (android.graphics.Color)	4278371546 (0xFF02C4DA)
YUV	140.5020, 38.2065, -121.4663
Hunter-Lab	66.7493, -30.1146, -18.3138

# Details

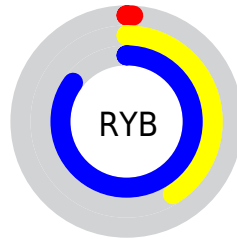
The Hex color **02C4DA** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **DA1802**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **6CFDFF**, and **008EA3** is the 20% darker color. If you saturate the color by 10%, you get **00C4DA**, and if you desaturate by 10%, it is **18C6DA**.

# Distribution



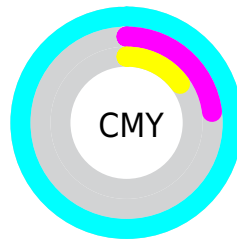
- Red (1%)
- Green (77%)
- Blue (85%)



- Red (1%)
- Yellow (41%)
- Blue (85%)



- Cyan (99%)
- Magenta (10%)
- Yellow (0%)
- Black (15%)



- Cyan (99%)
- Magenta (23%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 02C4DA 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 02C4DA by changing the saturation by 10% instead.



 02C4DA

 02C4DA

FFFFFF

 00A9BE

 6CFDFF

 008EA3

 8DFFFF

 007489

 ADFFFF

 005B6F

 CCFFFF

 004357

 ECFFFF

 002C3F

 00132A

 000114

 000000

■ 02C4DA

■ 02C4DA

■ 00C4DA

■ 18C6DA

■ 2EC8DA

■ 43CBDA

■ 59CDDA

■ 6FCFDA

■ 85D1DA

■ 9BD4DA

■ B0D6DA

■ C6D8DA

# Harmonies

## Analogous

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



3EC5B7



02C4DA



44BEF3

# Triad

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



02C4DA



E49BD2



C4B269

# Complementary

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



02C4DA



DA1802

# 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.



E3A571



02C4DA



F796AE

# Square

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



02C4DA



BEA7EE



F69A8B



9EBC75

# Rectangle

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



02C4DA



71B8FA



F69A8B



D0AE6A



# Sweetspot

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



02C4DA



B3F7FF



02DA18



527B80



000000



808080

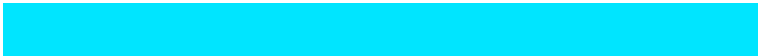


# Same Dimension

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



02C4DA



00E5FF



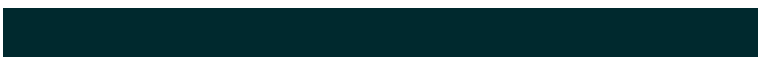
0258DA



636D6E



009CAD



00292E



# Inverse Universe

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



DA02C4



FF00E5



DA8402



6E636D



AD009C

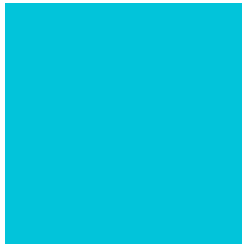


2E0029



# Previews

## White Background



This preview shows how the Hex color 02C4DA 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 02C4DA 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 02C4DA Background



This preview shows how black text looks on a background with the Hex color 02C4DA.

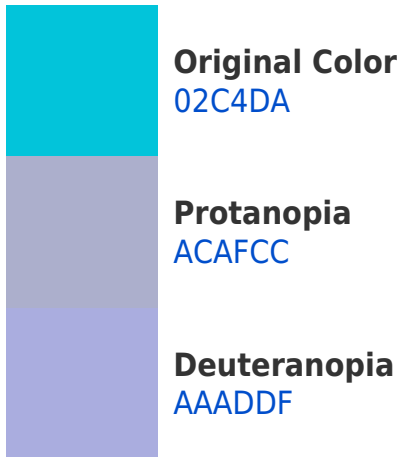


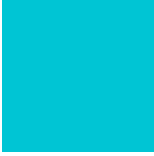
This preview shows how white text looks on a background with the Hex color 02C4DA.

# 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**  
00C5D4

# Trichromacy



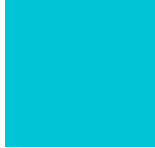
**Original Color**  
02C4DA



**Protanomaly**  
6EB7D1



**Deuteranomaly**  
6DB5DD



**Tritanomaly**  
01C5D6

# Monochromacy



**Original Color**  
02C4DA



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
5AA1A9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 02C4DA 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 #02C4DA looks like.

```
.text, #text, p{  
    color:#02C4DA  
}
```

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 #02C4DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02C4DA
}
```

## Border

The CSS property to change the border of an element to Hex 02C4DA 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
#02C4DA }
```

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

```
.border{ border-color:#02C4DA }
```

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

Here you see how a box with a 4 pixel #02C4DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02C4DA; -webkit-box-shadow:4px 4px  
4px 4px #02C4DA; box-shadow:4px 4px 4px  
4px #02C4DA }
```

# Background

The CSS property to change the background color of an element to Hex 02C4DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02C4DA }
```

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

```
.background{ background-color:#02C4DA }
```

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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