

Converting Colors

Hex(02CED1)

Have a look what the booklet for
Hex(02CED1) contains.

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Color

Hex(02CED1)

Conversions

Conversions Part 1

Format	Color
Hex	02CED1
RGB	2, 206, 209
RGB Percent	1%, 81%, 82%
CMY	0.9922, 0.1922, 0.1804
CMYK	0.99, 0.01, 0.00, 0.18
HSL	181°, 98%, 41%
HSV	181°, 99%, 82%
XYZ	33.6050, 48.7590, 67.9619
YIQ	145.3460, -122.5470, -42.3150

Conversions

Conversions Part 2

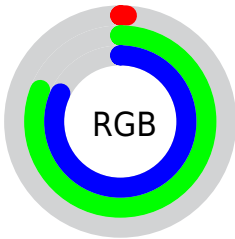
Format	Color
R _Y B	2, 105, 209
Decimal	184017
CIE Lab	75.30, -39.98, -13.51
CIE LCh	75, 42.203, 198.665
Yxy	48.7590, 0.2235, 0.3244
Android (android.graphics.Color)	4278374097 (0xFF02CED1)
YUV	145.3460, 31.3814, -125.7144
Hunter-Lab	69.8276, -36.2941, -8.8265

Details

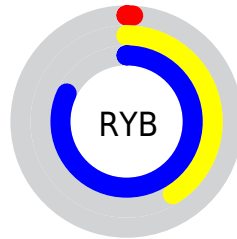
The Hex color **02CED1** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D10502**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **6CFFFF**, and **00979B** is the 20% darker color. If you saturate the color by 10%, you get **00CED1**, and if you desaturate by 10%, it is **17CED1**.

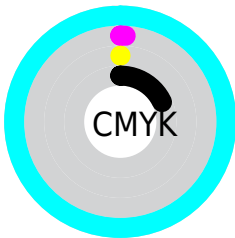
Distribution



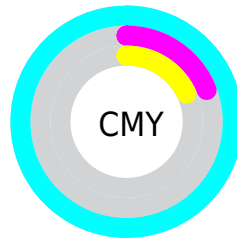
- Red (1%)
- Green (81%)
- Blue (82%)



- Red (1%)
- Yellow (41%)
- Blue (82%)



- Cyan (99%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)



- Cyan (99%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02CED1 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 02CED1 by changing the saturation by 10% instead.

 02CED1

 02CED1

FFFFFF

 00B2B5

 6CFFFF

 00979B

 8DFFFF

 007D81

 ADFFFF

 006368

 CDFFFF

 004A50

 ECFFFF

 003239

 001C23

 00010D

 000000

■ 02CED1

■ 02CED1

■ 00CED1

■ 17CED1

■ 2CCFD1

■ 41CFD1

■ 56CFD1

■ 6BD0D1

■ 7FD0D1

■ 94D0D1

■ A9D0D1

■ BED1D1

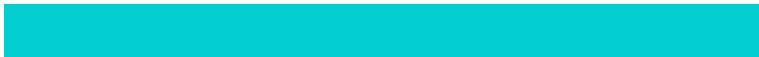
Harmonies

Analogous

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



5ACDA9



02CED1



00CAF3

Triad

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



02CED1



DCA7ED



E0B26D

Complementary

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



02CED1



D10502

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.



FAA581



02CED1



FB9CCA

Square

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



02CED1



A8B5FF



FF9CA3



BABF6E

Rectangle

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



02CED1



49C5FF



FF9CA3



EAAD71

Sweetspot

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



02CED1



B3FEFF



02D102



527F80



000000



808080

Same Dimension

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



02CED1



00FBFF



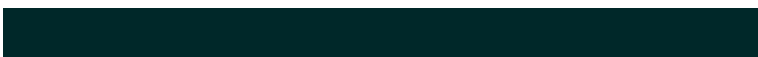
0269D1



5E6869



00A6A8



002829

Inverse Universe

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



D102CE



FF00FB



D16902



695E68



A800A6



290028

Previews

White Background



This preview shows how the Hex color 02CED1 looks on a white background.

Color Contrast Check

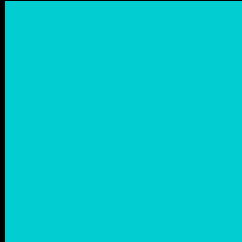
Large Text (above 18pt) WCAG AA × Fail

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 02CED1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

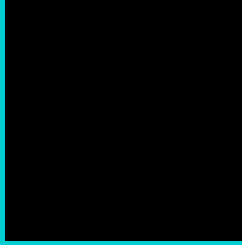
Any Text WCAG AA ✓ Pass

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 02CED1 Background



This preview shows how black text looks on a background with the Hex color 02CED1.

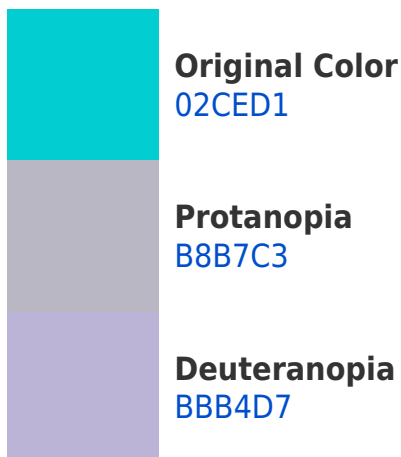


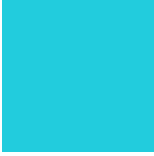
This preview shows how white text looks on a background with the Hex color 02CED1.

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





Trichromacy



Original Color
02CED1



Protanomaly
76BFC8



Deuteranomaly
78BDD5



Tritanomaly
16CDD9

Monochromacy



Original Color
02CED1



Achromatopsia
919191



Achromatomaly
5DA7A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 02CED1 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 #02CED1 looks like.

```
.text, #text, p{  
    color:#02CED1  
}
```

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 #02CED1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02CED1
}
```

Border

The CSS property to change the border of an element to Hex 02CED1 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
#02CED1 }
```

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

```
.border{ border-color:#02CED1 }
```

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

Here you see how a box with a 4 pixel #02CED1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02CED1; -webkit-box-shadow:4px 4px  
4px 4px #02CED1; box-shadow:4px 4px 4px  
4px #02CED1 }
```

Background

The CSS property to change the background color of an element to Hex 02CED1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02CED1 }
```

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

```
.background{ background-color:#02CED1 }
```

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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