

Converting Colors

Hex(02E1E1)

Have a look what the booklet for
Hex(02E1E1) contains.

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Color

Hex(02E1E1)

Conversions

Conversions Part 1

Format	Color
Hex	02E1E1
RGB	2, 225, 225
RGB Percent	1%, 88%, 88%
CMY	0.9922, 0.1176, 0.1176
CMYK	0.99, 0.00, 0.00, 0.12
HSL	180°, 98%, 45%
HSV	180°, 99%, 88%
XYZ	40.5409, 59.2996, 80.5434
YIQ	158.3230, -132.9080, -47.2760

Conversions

Conversions Part 2

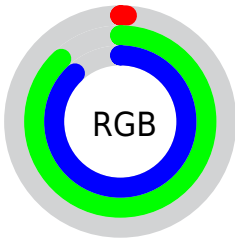
Format	Color
RYB	2, 114, 225
Decimal	188897
CIELab	81.46, -43.69, -12.85
CIELCh	81, 45.544, 196.389
Yxy	59.2996, 0.2247, 0.3287
Android (android.graphics.Color)	4278378977 (0xFF02E1E1)
YUV	158.3230, 32.8718, -137.0953
Hunter-Lab	77.0062, -40.7874, -8.1091

Details

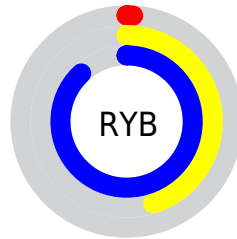
The Hex color **02E1E1** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E10202**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **71FFFF**, and **00A9AA** is the 20% darker color. If you saturate the color by 10%, you get **00E1E1**, and if you desaturate by 10%, it is **18E1E1**.

Distribution



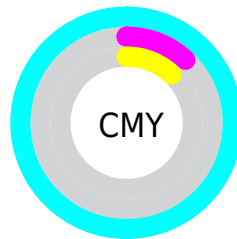
- Red (1%)
- Green (88%)
- Blue (88%)



- Red (1%)
- Yellow (45%)
- Blue (88%)



- Cyan (99%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



- Cyan (99%)
- Magenta (12%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02E1E1 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 02E1E1 by changing the saturation by 10% instead.

 02E1E1

 02E1E1


FFFFFF

 00C5C5

 71FFFF

 00A9AA

 93FFFF

 008E8F

 B4FFFF

 007476

 D4FFFF

 005A5D

 F4FFFF

 004246

 002C2F

 000B1B

 000000

■ 02E1E1

■ 02E1E1

■ 00E1E1

■ 18E1E1

■ 2FE1E1

■ 46E1E1

■ 5CE1E1

■ 72E1E1

■ 89E1E1

■ A0E1E1

■ B6E1E1

■ CCE1E1

Harmonies

Analogous

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



66E0B5



02E1E1



00DDFF

Triad

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



02E1E1



ECB7FF



F7C177

Complementary

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



02E1E1



E10202

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.



FFB38E



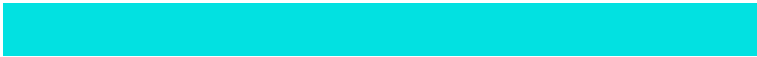
02E1E1



FFABE0

Square

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



02E1E1



B2C7FF



FFA9B4



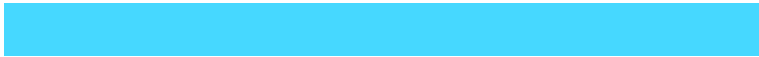
CFCF77

Rectangle

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



02E1E1



46D8FF



FFA9B4



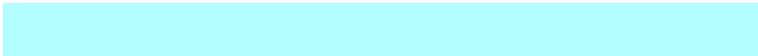
FFBC7D

Sweetspot

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



02E1E1



B3FFFF



02E102



528080



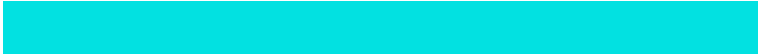
000000



808080

Same Dimension

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



02E1E1



00FFFF



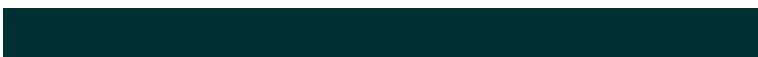
0272E1



657070



00B0B0



003030

Inverse Universe

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



E102E1



FF00FF



E17202



706570



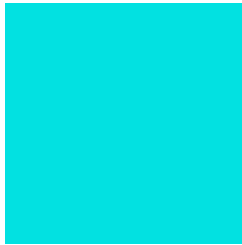
B000B0



300030

Previews

White Background



This preview shows how the Hex color 02E1E1 looks on a white background.

Color Contrast Check

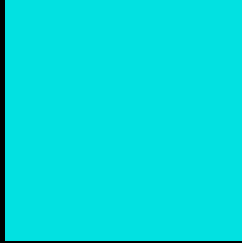
Large Text (above 18pt) WCAG AA × Fail

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 02E1E1 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 02E1E1 Background



This preview shows how black text looks on a background with the Hex color 02E1E1.

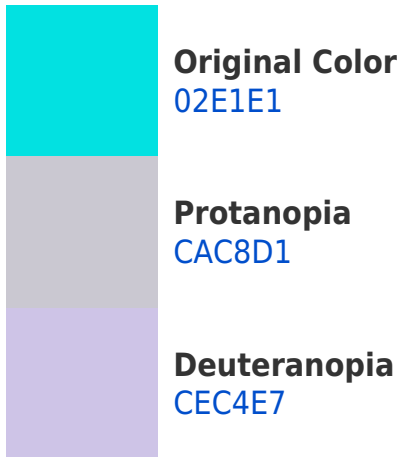


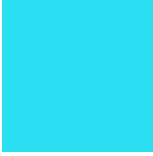
This preview shows how white text looks on a background with the Hex color 02E1E1.

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



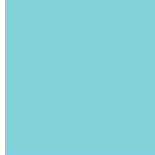


Tritanopia
29DFF1

Trichromacy



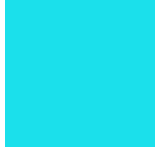
Original Color
02E1E1



Protanomaly
81D1D7



Deuteranomaly
84CFE5



Tritanomaly
1BE0EB

Monochromacy



Original Color
02E1E1



Achromatopsia
9E9E9E



Achromatomaly
65B6B6

CSS Examples

Text

The CSS property to change the color of the text to Hex 02E1E1 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 #02E1E1 looks like.

```
.text, #text, p{  
    color:#02E1E1  
}
```

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 #02E1E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02E1E1
}
```

Border

The CSS property to change the border of an element to Hex 02E1E1 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
#02E1E1 }
```

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

```
.border{ border-color:#02E1E1 }
```

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

Here you see how a box with a 4 pixel #02E1E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02E1E1; -webkit-box-shadow:4px 4px  
4px 4px #02E1E1; box-shadow:4px 4px 4px  
4px #02E1E1 }
```

Background

The CSS property to change the background color of an element to Hex 02E1E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02E1E1 }
```

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

```
.background{ background-color:#02E1E1 }
```

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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