

Converting Colors

Hex(02E5BB)

Have a look what the booklet for
Hex(02E5BB) contains.

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Color

Hex(02E5BB)

Conversions

Conversions Part 1

Format	Color
Hex	02E5BB
RGB	2, 229, 187
RGB Percent	1%, 90%, 73%
CMY	0.9922, 0.1020, 0.2667
CMYK	0.99, 0.00, 0.18, 0.10
HSL	169°, 98%, 45%
HSV	169°, 99%, 90%
XYZ	37.0140, 59.6394, 56.5744
YIQ	156.3390, -121.8100, -61.1860

Conversions

Conversions Part 2

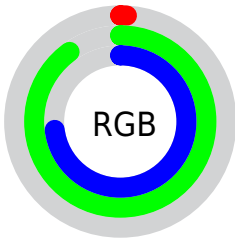
Format	Color
RYB	2, 127, 229
Decimal	189883
CIELab	81.64, -55.74, 7.56
CIELCh	82, 56.252, 172.275
Yxy	59.6394, 0.2416, 0.3892
Android (android.graphics.Color)	4278379963 (0xFF02E5BB)
YUV	156.3390, 15.1159, -135.3553
Hunter-Lab	77.2265, -49.5930, 10.6241

Details

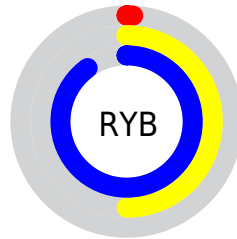
The Hex color **02E5BB** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **E5022C**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **6EFFF3**, and **00AC86** is the 20% darker color. If you saturate the color by 10%, you get **00E5BB**, and if you desaturate by 10%, it is **19E5BF**.

Distribution



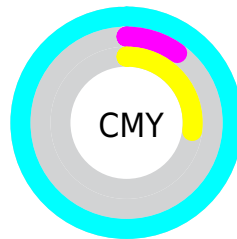
- Red (1%)
- Green (90%)
- Blue (73%)



- Red (1%)
- Yellow (50%)
- Blue (90%)



- Cyan (99%)
- Magenta (0%)
- Yellow (18%)
- Black (10%)



- Cyan (99%)
- Magenta (10%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02E5BB 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 02E5BB by changing the saturation by 10% instead.

 02E5BB

 02E5BB

FFFFFF

 00C8A0

 6EFFF3

 00AC86

 90FFFF

 00916D

 B0FFFF

 007654

 D0FFFF

 005C3D

 F0FFFF

 004327

 002D13

 000B00

 000000

 02E5BB

 02E5BB

 00E5BB

 19E5BF

 30E5C3

 47E5C8

 5EE5CC

 75E5D0

 8BE5D4

 A2E5D9

 B9E5DD

 D0E5E1

Harmonies

Analogous

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



85DF88



02E5BB



00E6F1

Triad

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



02E5BB



B9C2FF



FFB079

Complementary

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



02E5BB



E5022C

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.



FFA1A6



02E5BB



FFAEFF

Square

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



02E5BB



45D5FF



FFA0DB



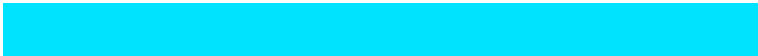
F6C360

Rectangle

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



02E5BB



00E3FF



FFA0DB



FFAA86

Sweetspot

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



02E5BB



B3FFF1



2FE502



528077



000000



808080

Same Dimension

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



02E5BB



00FFD0



02A1E5



677371



00B391



00332A

Inverse Universe

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



E5022C



FF002F



E54602



736769



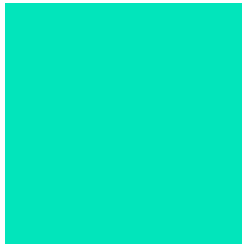
B30021



330009

Previews

White Background



This preview shows how the Hex color 02E5BB looks on a white background.

Color Contrast Check

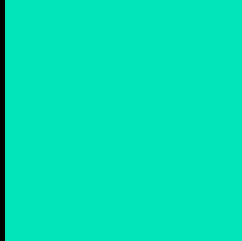
Large Text (above 18pt) WCAG AA × Fail

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 02E5BB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

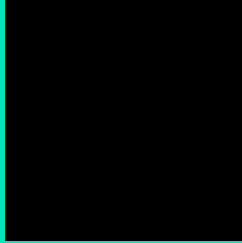
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

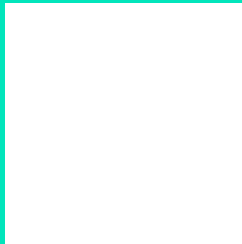
Any Text WCAG AAA ✓ Pass

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

Hex 02E5BB Background



This preview shows how black text looks on a background with the Hex color 02E5BB.

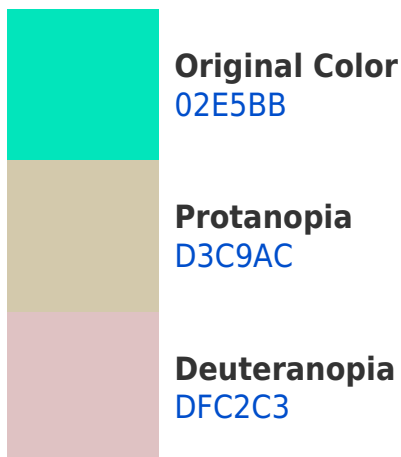


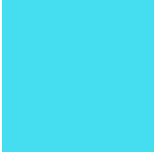
This preview shows how white text looks on a background with the Hex color 02E5BB.

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
44DEF0

Trichromacy



Original Color
02E5BB



Protanomaly
87D3B1



Deuteranomaly
8FCFC0

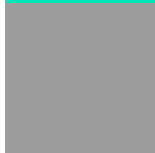


Tritanomaly
2CE1DD

Monochromacy



Original Color
02E5BB



Achromatopsia
9C9C9C



Achromatomaly
64B7A7

CSS Examples

Text

The CSS property to change the color of the text to Hex 02E5BB 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 #02E5BB looks like.

```
.text, #text, p{  
    color:#02E5BB  
}
```

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 #02E5BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02E5BB
}
```

Border

The CSS property to change the border of an element to Hex 02E5BB 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
#02E5BB }
```

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

```
.border{ border-color:#02E5BB }
```

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

Here you see how a box with a 4 pixel #02E5BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02E5BB; -webkit-box-shadow:4px 4px  
4px 4px #02E5BB; box-shadow:4px 4px 4px  
4px #02E5BB }
```

Background

The CSS property to change the background color of an element to Hex 02E5BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02E5BB }
```

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

```
.background{ background-color:#02E5BB }
```

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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