

Converting Colors

Hex(0EB2B2)

Have a look what the booklet for
Hex(0EB2B2) contains.

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Color

Hex(0EB2B2)

Conversions

Conversions Part 1

Format	Color
Hex	0EB2B2
RGB	14, 178, 178
RGB Percent	5%, 70%, 70%
CMY	0.9451, 0.3020, 0.3020
CMYK	0.92, 0.00, 0.00, 0.30
HSL	180°, 85%, 38%
HSV	180°, 92%, 70%
XYZ	24.1374, 35.1485, 47.6316
YIQ	128.9640, -97.7440, -34.7680

Conversions

Conversions Part 2

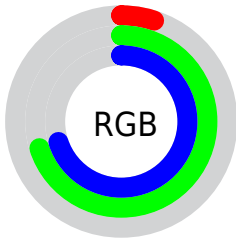
Format	Color
RYB	14, 96, 178
Decimal	963250
CIELab	65.86, -36.23, -10.68
CIELCh	66, 37.772, 196.423
Yxy	35.1485, 0.2258, 0.3287
Android (android.graphics.Color)	4279153330 (0xFF0EB2B2)
YUV	128.9640, 24.1747, -100.8234
Hunter-Lab	59.2862, -31.0775, -6.1344

Details

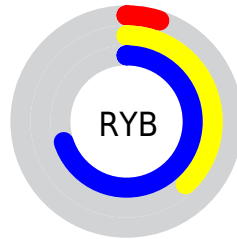
The Hex color **0EB2B2** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B20E0E**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **65EAEA**, and **007D7D** is the 20% darker color. If you saturate the color by 10%, you get **00B2B2**, and if you desaturate by 10%, it is **20B2B2**.

Distribution



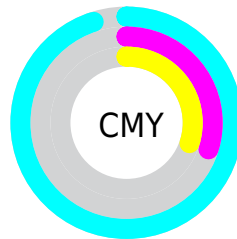
- Red (5%)
- Green (70%)
- Blue (70%)



- Red (5%)
- Yellow (38%)
- Blue (70%)



- Cyan (92%)
- Magenta (0%)
- Yellow (0%)
- Black (30%)



- Cyan (95%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0EB2B2 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 0EB2B2 by changing the saturation by 10% instead.



0EB2B2



0EB2B2

FFFFFF



009797



65EAEA



007D7D



85FFFF



006365



A4FFFF



004A4D



C2FFFF



003336



E1FFFF



001E21



000009



000000



0EB2B2



0EB2B2

■ 00B2B2

■ 20B2B2

■ 32B2B2

■ 43B2B2

■ 55B2B2

■ 67B2B2

■ 79B2B2

■ 8BB2B2

■ 9CB2B2

■ AEB2B2

Harmonies

Analogous

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



50B18F



0EB2B2



00AFD0

Triad

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



0EB2B2



BB90CF



C3995E

Complementary

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



0EB2B2



B20E0E

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.



DA8D70



0EB2B2



D887B1

Square

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



0EB2B2



8D9DE1



E2868F



A3A45E

Rectangle

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



0EB2B2



39ABDD



E2868F



CC9562

Sweetspot

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



0EB2B2



A7E8E8



0EB20E



4D7575



F5F5F5



757575

Same Dimension

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



0EB2B2



00E8E8



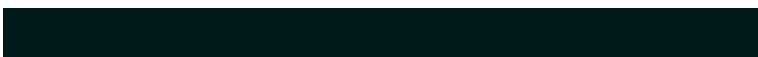
0E60B2



505959



009999



001A1A

Inverse Universe

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



B20EB2



E800E8



B2600E



595059



990099



1A001A

Previews

White Background



This preview shows how the Hex color 0EB2B2 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 0EB2B2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

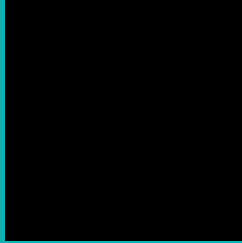
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

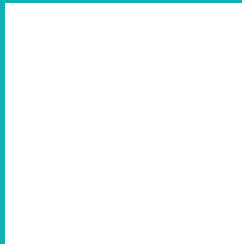
Any Text WCAG AAA ✓ Pass

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

Hex 0EB2B2 Background



This preview shows how black text looks on a background with the Hex color 0EB2B2.

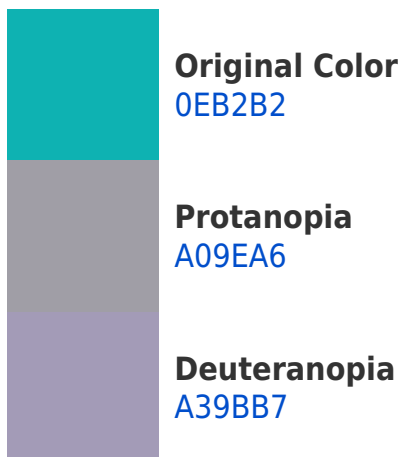


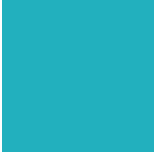
This preview shows how white text looks on a background with the Hex color 0EB2B2.

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



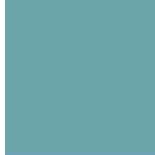


Tritanopia
22B0BE

Trichromacy



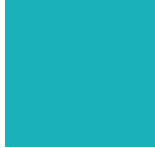
Original Color
0EB2B2



Protanomaly
6BA5AA



Deuteranomaly
6DA3B5



Tritanomaly
1BB1BA

Monochromacy



Original Color
0EB2B2



Achromatopsia
818181



Achromatomaly
579393

CSS Examples

Text

The CSS property to change the color of the text to Hex 0EB2B2 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 #0EB2B2 looks like.

```
.text, #text, p{  
    color:#0EB2B2  
}
```

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 #0EB2B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EB2B2
}
```

Border

The CSS property to change the border of an element to Hex 0EB2B2 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
#0EB2B2 }
```

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

```
.border{ border-color:#0EB2B2 }
```

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

Here you see how a box with a 4 pixel #0EB2B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EB2B2; -webkit-box-shadow:4px 4px  
4px 4px #0EB2B2; box-shadow:4px 4px 4px  
4px #0EB2B2 }
```

Background

The CSS property to change the background color of an element to Hex 0EB2B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EB2B2 }
```

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

```
.background{ background-color:#0EB2B2 }
```

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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