

Converting Colors

Hex(00E3C2)

Have a look what the booklet for
Hex(00E3C2) contains.

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Color

Hex(00E3C2)

Conversions

Conversions Part 1

Format	Color
Hex	00E3C2
RGB	0, 227, 194
RGB Percent	0%, 89%, 76%
CMY	1.0000, 0.1098, 0.2392
CMYK	1.00, 0.00, 0.15, 0.11
HSL	171°, 100%, 45%
HSV	171°, 100%, 89%
XYZ	37.2067, 58.8332, 60.4339
YIQ	155.3650, -124.6990, -58.3870

Conversions

Conversions Part 2

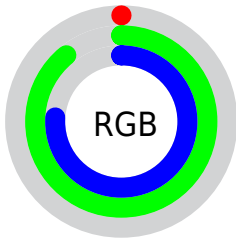
Format	Color
RYB	0, 122, 227
Decimal	58306
CIELab	81.20, -53.20, 3.22
CIELCh	81, 53.301, 176.533
Yxy	58.8332, 0.2378, 0.3760
Android (android.graphics.Color)	4278248386 (0xFF00E3C2)
YUV	155.3650, 19.0471, -136.2551
Hunter-Lab	76.7028, -47.6439, 6.9776

Details

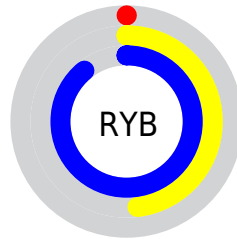
The Hex color **00E3C2** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed cyan. A complement of this color would be **E30021**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **6EFFFF**, and **00AA8D** is the 20% darker color. If you saturate the color by 10%, you get **00E3C2**, and if you desaturate by 10%, it is **17E3C5**.

Distribution



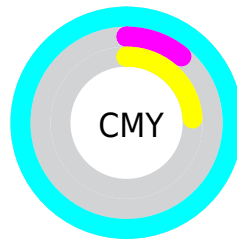
- Red (0%)
- Green (89%)
- Blue (76%)



- Red (0%)
- Yellow (48%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)



- Cyan (100%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E3C2 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 00E3C2 by changing the saturation by 10% instead.

 00E3C2

 00E3C2

FFFFFF

 00C6A7

 6EFFFF

 00AA8D

 90FFFF

 008F73

 B0FFFF

 00755B

 D0FFFF


 005B43

 F0FFFF

 00422D

 002B18

 000800

 000000

 00E3C2

 17E3C5

 2DE3C9

 44E3CC

 5BE3CF

 72E3D3

 88E3D6

 9FE3D9

 B6E3DC

 CCE3E0

Harmonies

Analogous

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



7FDE91



00E3C2



00E3F5

Triad

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



00E3C2



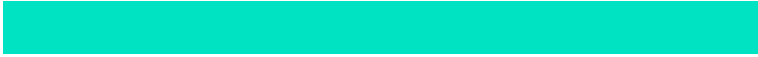
C5BFFF



FFB378

Complementary

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



00E3C2



E30021

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.



FFA4A0



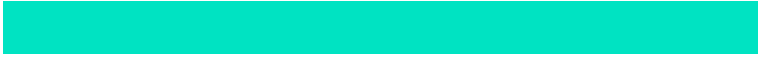
00E3C2



FFACFF

Square

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



00E3C2



67D1FF



FFA1D2



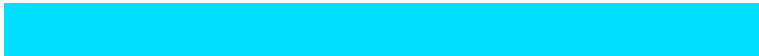
EDC564

Rectangle

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



00E3C2



00DFFF



FFA1D2



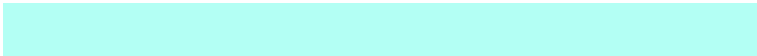
FFAD83

Sweetspot

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



00E3C2



B3FFF4



22E300



528079



000000



808080

Same Dimension

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



00E3C2



00FFDA



0094E3



677371



00B399



00332C

Inverse Universe

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



E30021



FF0025



E34F00



736769



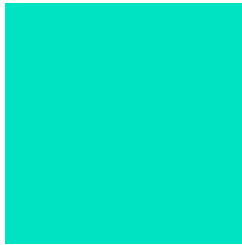
B3001A



330007

Previews

White Background



This preview shows how the Hex color 00E3C2 looks on a white background.

Color Contrast Check

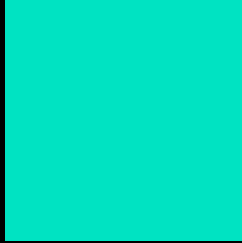
Large Text (above 18pt) WCAG AA × Fail

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 00E3C2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

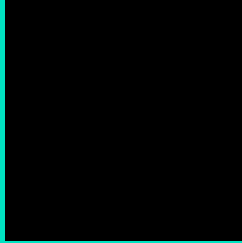
Any Text WCAG AA ✓ Pass

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 00E3C2 Background



This preview shows how black text looks on a background with the Hex color 00E3C2.

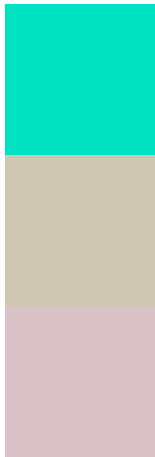


This preview shows how white text looks on a background with the Hex color 00E3C2.

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](#).

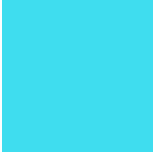
Dichromacy



Original Color
00E3C2

Protanopia
D0C7B3

Deuteranopia
DBC2C9



Tritanopia
3FDDEF

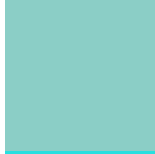
Trichromacy



Original Color
00E3C2



Protanomaly
84D1B8



Deuteranomaly
8BCEC6

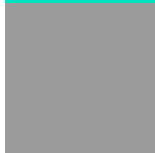


Tritanomaly
28DFDF

Monochromacy



Original Color
00E3C2



Achromatopsia
9B9B9B



Achromatomaly
63B5A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E3C2 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 #00E3C2 looks like.

```
.text, #text, p{  
    color:#00E3C2  
}
```

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 #00E3C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E3C2
}
```

Border

The CSS property to change the border of an element to Hex 00E3C2 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
#00E3C2 }
```

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

```
.border{ border-color:#00E3C2 }
```

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

Here you see how a box with a 4 pixel #00E3C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E3C2; -webkit-box-shadow:4px 4px  
4px 4px #00E3C2; box-shadow:4px 4px 4px  
4px #00E3C2 }
```

Background

The CSS property to change the background color of an element to Hex 00E3C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E3C2 }
```

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

```
.background{ background-color:#00E3C2 }
```

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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