

Converting Colors

Hex(00E2B6)

Have a look what the booklet for
Hex(00E2B6) contains.

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Color

Hex(00E2B6)

Conversions

Conversions Part 1

Format	Color
Hex	00E2B6
RGB	0, 226, 182
RGB Percent	0%, 89%, 71%
CMY	1.0000, 0.1137, 0.2863
CMYK	1.00, 0.00, 0.19, 0.11
HSL	168°, 100%, 44%
HSV	168°, 100%, 89%
XYZ	35.6399, 57.7701, 53.5283
YIQ	153.4100, -120.5720, -61.5960

Conversions

Conversions Part 2

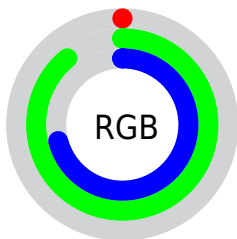
Format	Color
RYB	0, 125, 226
Decimal	58038
CIELab	80.61, -55.87, 8.72
CIELCh	81, 56.550, 171.127
Yxy	57.7701, 0.2425, 0.3932
Android (android.graphics.Color)	4278248118 (0xFF00E2B6)
YUV	153.4100, 14.0949, -134.5406
Hunter-Lab	76.0067, -49.3122, 11.4492

Details

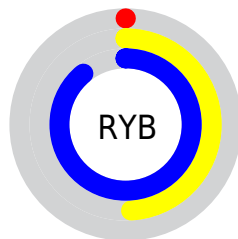
The Hex color **00E2B6** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **E2002C**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **6DFEE**, and **00A981** is the 20% darker color. If you saturate the color by 10%, you get **00E2B6**, and if you desaturate by 10%, it is **17E2BA**.

Distribution



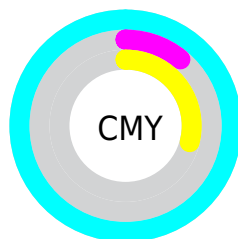
- Red (0%)
- Green (89%)
- Blue (71%)



- Red (0%)
- Yellow (49%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)



- Cyan (100%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E2B6 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 00E2B6 by changing the saturation by 10% instead.

 00E2B6

 00E2B6

FFFFFF

 00C59B

 6DFFEE

 00A981

 8FFFFFF

 008E68

 AFFFFFF

 007350

 CFFFFFF

 005A39

 EFFFFFF

 004123

 002A0F

 000400

 000000

 00E2B6

 17E2BA

 2DE2BF

 44E2C3

 5AE2C8

 71E2CC

 88E2D0

 9EE2D5

 B5E2D9

 CBE2DE

Harmonies

Analogous

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



84DC83



00E2B6



00E3EC

Triad

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



00E2B6



B3C0FF



FFAC77

Complementary

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



00E2B6



E2002C

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.



FF9EA5



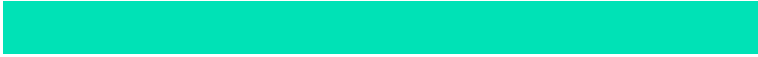
00E2B6



FAACFF

Square

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



00E2B6



34D2FF



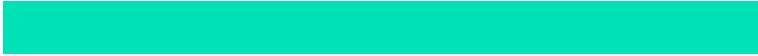
FF9DDA



F5C05D

Rectangle

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



00E2B6



00E0FF



FF9DDA



FFA685

Sweetspot

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



00E2B6



B3FFF0



2DE200



528077



000000



808080

Same Dimension

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



00E2B6



00FFCD



009EE2



65706E



00B08E



003027

Inverse Universe

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



E2002C



FF0032



E24400



706567



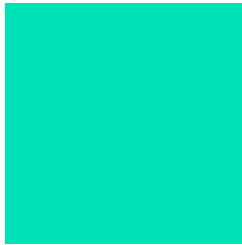
B00022



300009

Previews

White Background



This preview shows how the Hex color 00E2B6 looks on a white background.

Color Contrast Check

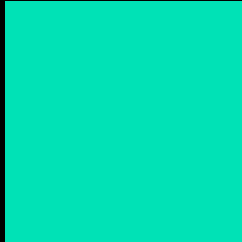
Large Text (above 18pt) WCAG AA × Fail

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 00E2B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

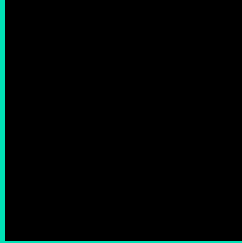
Any Text WCAG AA ✓ Pass

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 00E2B6 Background



This preview shows how black text looks on a background with the Hex color 00E2B6.

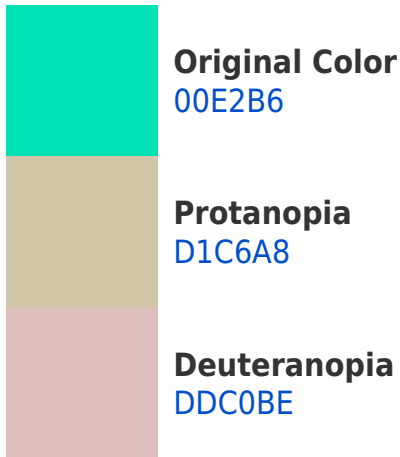


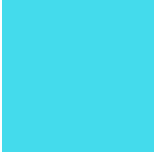
This preview shows how white text looks on a background with the Hex color 00E2B6.

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
44DBEC

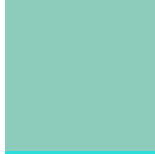
Trichromacy



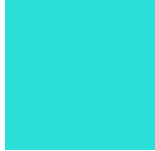
Original Color
00E2B6



Protanomaly
85D0AD



Deuteranomaly
8DCCBB

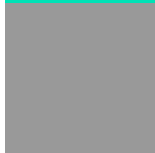


Tritanomaly
2BDED8

Monochromacy



Original Color
00E2B6



Achromatopsia
999999



Achromatomaly
61B4A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E2B6 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 #00E2B6 looks like.

```
.text, #text, p{  
    color:#00E2B6  
}
```

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 #00E2B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E2B6
}
```

Border

The CSS property to change the border of an element to Hex 00E2B6 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
#00E2B6 }
```

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

```
.border{ border-color:#00E2B6 }
```

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

Here you see how a box with a 4 pixel #00E2B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E2B6; -webkit-box-shadow:4px 4px  
4px 4px #00E2B6; box-shadow:4px 4px 4px  
4px #00E2B6 }
```

Background

The CSS property to change the background color of an element to Hex 00E2B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E2B6 }
```

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

```
.background{ background-color:#00E2B6 }
```

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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