

# Converting Colors

Hex(00E1BE)

Have a look what the booklet for  
Hex(00E1BE) contains.

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# Color

Hex(00E1BE)

# Conversions

## Conversions Part 1

Format	Color
Hex	00E1BE
RGB	0, 225, 190
RGB Percent	0%, 88%, 75%
CMY	1.0000, 0.1176, 0.2549
CMYK	1.00, 0.00, 0.16, 0.12
HSL	171°, 100%, 44%
HSV	171°, 100%, 88%
XYZ	36.2195, 57.5681, 57.9180
YIQ	153.7350, -122.8650, -58.5850

# Conversions

## Conversions Part 2

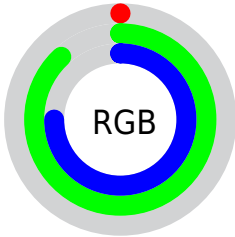
Format	Color
<b>RYB</b>	0, 122, 225
Decimal	57790
CIELab	80.50, -53.44, 4.33
CIELCh	80, 53.618, 175.372
Yxy	57.5681, 0.2387, 0.3795
Android (android.graphics.Color)	4278247870 (0xFF00E1BE)
YUV	153.7350, 17.8786, -134.8256
Hunter-Lab	75.8737, -47.5692, 7.8527

# Details

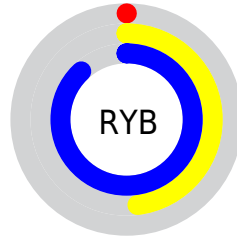
The Hex color **00E1BE** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **E10023**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **6DFFF6**, and **00A989** is the 20% darker color. If you saturate the color by 10%, you get **00E1BE**, and if you desaturate by 10%, it is **16E1C2**.

# Distribution



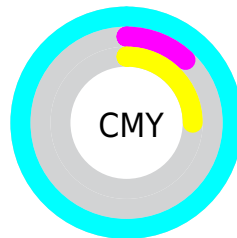
- Red (0%)
- Green (88%)
- Blue (75%)



- Red (0%)
- Yellow (48%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (12%)



- Cyan (100%)
- Magenta (12%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00E1BE 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 00E1BE by changing the saturation by 10% instead.



 00E1BE

 00E1BE

FFFFFF

 00C4A3

 6DFFF6

 00A989

 8FFFFFF

 008D6F

 AFFFFFF

 007357

 CFFFFFF

 005940

 EFFFFFF

 00402A

 002A15

 000300

 000000

 00E1BE

 16E1C2

 2DE1C5

 44E1C9

 5AE1CC

 71E1D0

 87E1D3

 9DE1D7

 B4E1DA

 CBE1DE

# Harmonies

## Analogous

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



7FDC8D



00E1BE



00E1F1

# Triad

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



00E1BE



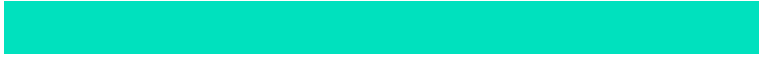
C0BEFF



FFB077

# Complementary

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



00E1BE



E10023

# 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.



FFA1A0



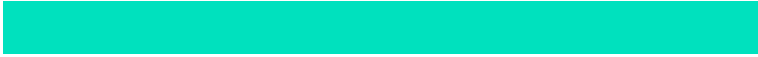
00E1BE



FFABFF

# Square

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



00E1BE



5ECFFF



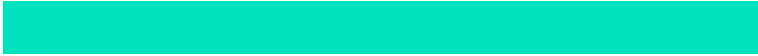
FF9FD2



EDC262

# Rectangle

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



00E1BE



00DEFF



FF9FD2

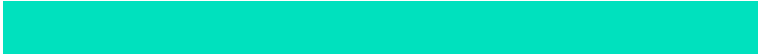


FFAA83

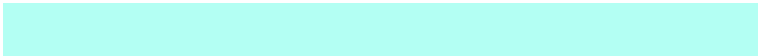


# Sweetspot

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



00E1BE



B3FFF3



25E100



528078



000000



808080



# Same Dimension

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



00E1BE



00FFD7



0096E1



65706E



00B095



003029



# Inverse Universe

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



E10023



FF0028



E14B00



706567



B0001B

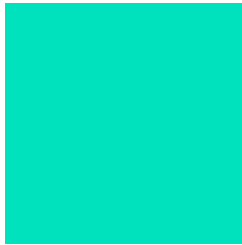


300008



# Previews

## White Background



This preview shows how the Hex color 00E1BE looks on a white background.

## Color Contrast Check

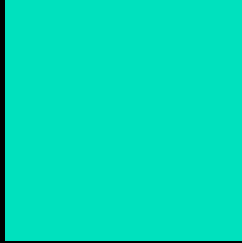
Large Text (above 18pt) WCAG AA × Fail

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 00E1BE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

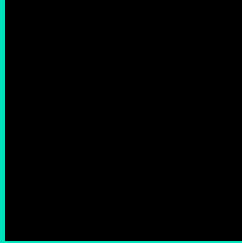
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

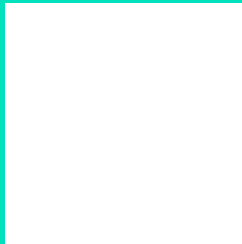
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00E1BE Background



This preview shows how black text looks on a background with the Hex color 00E1BE.

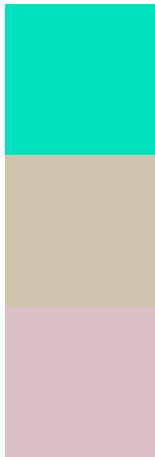


This preview shows how white text looks on a background with the Hex color 00E1BE.

# 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](#).

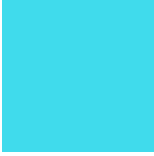
## Dichromacy



**Original Color**  
00E1BE

**Protanopia**  
CFC5AF

**Deuteranopia**  
D9C0C5



**Tritanopia**  
40DBEC

# Trichromacy



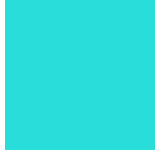
**Original Color**  
00E1BE



**Protanomaly**  
84CFB4



**Deuteranomaly**  
8ACCC2

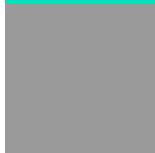


**Tritanomaly**  
29DDDB

# Monochromacy



**Original Color**  
00E1BE



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
62B4A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00E1BE 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 #00E1BE looks like.

```
.text, #text, p{  
    color:#00E1BE  
}
```

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 #00E1BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E1BE
}
```

## Border

The CSS property to change the border of an element to Hex 00E1BE 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
#00E1BE }
```

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

```
.border{ border-color:#00E1BE }
```

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

Here you see how a box with a 4 pixel #00E1BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E1BE; -webkit-box-shadow:4px 4px  
4px 4px #00E1BE; box-shadow:4px 4px 4px  
4px #00E1BE }
```

# Background

The CSS property to change the background color of an element to Hex 00E1BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E1BE }
```

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

```
.background{ background-color:#00E1BE }
```

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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