

# Converting Colors

Hex(00E3BE)

Have a look what the booklet for  
Hex(00E3BE) contains.

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# Color

Hex(00E3BE)

# Conversions

## Conversions Part 1

Format	Color
Hex	00E3BE
RGB	0, 227, 190
RGB Percent	0%, 89%, 75%
CMY	1.0000, 0.1098, 0.2549
CMYK	1.00, 0.00, 0.16, 0.11
HSL	170°, 100%, 45%
HSV	170°, 100%, 89%
XYZ	36.7633, 58.6559, 58.0993
YIQ	154.9090, -123.4150, -59.6310

# Conversions

## Conversions Part 2

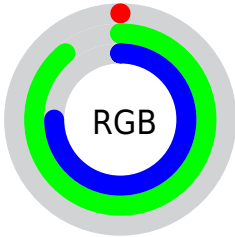
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 124, 227
Decimal	58302
CIELab	81.10, -54.24, 5.20
CIElCh	81, 54.489, 174.525
Yxy	58.6559, 0.2395, 0.3821
Android (android.graphics.Color)	4278248382 (0xFF00E3BE)
YUV	154.9090, 17.2999, -135.8552
Hunter-Lab	76.5871, -48.3439, 8.6334

# Details

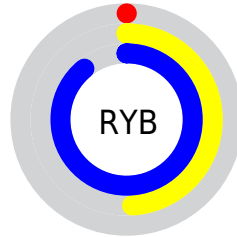
The Hex color **00E3BE** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **E30025**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **6EFFF6**, and **00AA89** is the 20% darker color. If you saturate the color by 10%, you get **00E3BE**, and if you desaturate by 10%, it is **17E3C2**.

# Distribution



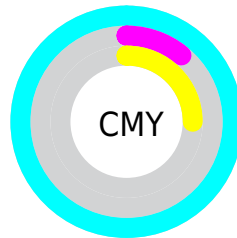
- Red (0%)
- Green (89%)
- Blue (75%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (11%)



- Cyan (100%)
- Magenta (11%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00E3BE 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 00E3BE by changing the saturation by 10% instead.



 00E3BE

 00E3BE

FFFFFF

 00C6A3

 6EFFF6

 00AA89

 90FFFF

 008F6F

 B0FFFF

 007557

 D0FFFF

 005B40

 EFFFFF

 00422A

 002B15

 000800

 000000

 00E3BE

 17E3C2

 2DE3C5

 44E3C9

 5BE3CD

 72E3D0

 88E3D4

 9FE3D8

 B6E3DC

 CCE3DF

# Harmonies

## Analogous

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



81DE8C



00E3BE



00E3F2

# Triad

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



00E3BE



BFC0FF



FFB178

# Complementary

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



00E3BE



E30025

# 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.



FFA2A2



00E3BE



FFACFF

# Square

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



00E3BE



59D2FF



FFA0D5



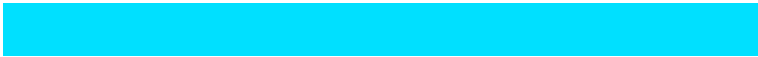
F0C362

# Rectangle

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



00E3BE



00E0FF



FFA0D5



FFAB84



# Sweetspot

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



00E3BE



B3FFF3



26E300



528078



000000



808080



# Same Dimension

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



00E3BE



00FFD5



0097E3



677371



00B395



00332B



# Inverse Universe

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



E30025



FF002A



E34C00



736769



B3001D

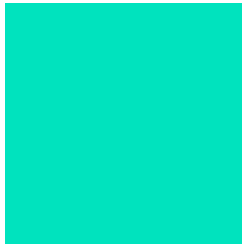


330008



# Previews

## White Background



This preview shows how the Hex color 00E3BE looks on a white background.

## Color Contrast Check

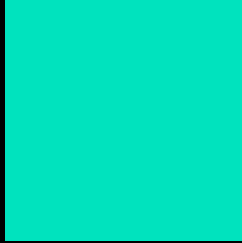
Large Text (above 18pt) WCAG AA × Fail

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 00E3BE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

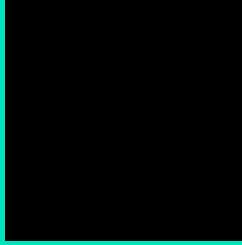
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00E3BE Background



This preview shows how black text looks on a background with the Hex color 00E3BE.

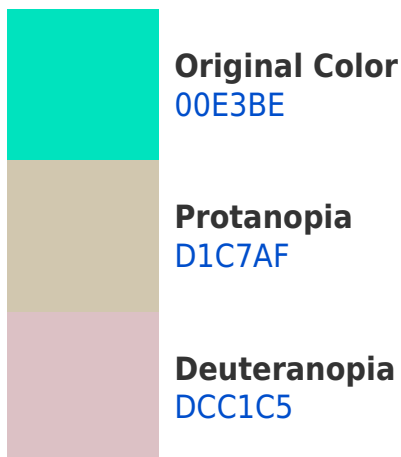


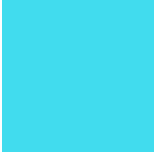
This preview shows how white text looks on a background with the Hex color 00E3BE.

# 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



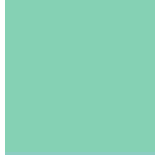


**Tritanopia**  
41DCEE

# Trichromacy



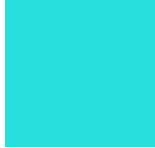
**Original Color**  
00E3BE



**Protanomaly**  
85D1B4



**Deuteranomaly**  
8CCDC2



**Tritanomaly**  
29DFDD

# Monochromacy



**Original Color**  
00E3BE



**Achromatopsia**  
9B9B9B



**Achromatomaly**  
63B5A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00E3BE 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 #00E3BE looks like.

```
.text, #text, p{  
    color:#00E3BE  
}
```

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 #00E3BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E3BE
}
```

## Border

The CSS property to change the border of an element to Hex 00E3BE 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
#00E3BE }
```

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

```
.border{ border-color:#00E3BE }
```

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

Here you see how a box with a 4 pixel #00E3BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E3BE; -webkit-box-shadow:4px 4px  
4px 4px #00E3BE; box-shadow:4px 4px 4px  
4px #00E3BE }
```

# Background

The CSS property to change the background color of an element to Hex 00E3BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E3BE }
```

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

```
.background{ background-color:#00E3BE }
```

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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