

# Converting Colors

Hex(00E3D5)

Have a look what the booklet for  
Hex(00E3D5) contains.

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# Color

**Hex(00E3D5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00E3D5
RGB	0, 227, 213
RGB Percent	0%, 89%, 84%
CMY	1.0000, 0.1098, 0.1647
CMYK	1.00, 0.00, 0.06, 0.11
HSL	176°, 100%, 45%
HSV	176°, 100%, 89%
XYZ	39.4793, 59.7423, 72.4014
YIQ	157.5310, -130.7980, -52.4780

# Conversions

## Conversions Part 2

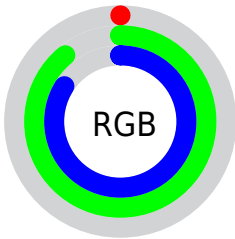
Format	Color
<a href="#">RYB</a>	<a href="#">0, 117, 227</a>
Decimal	<a href="#">58325</a>
CIELab	<a href="#">81.70, -48.05, -6.12</a>
CIELCh	<a href="#">82, 48.438, 187.260</a>
Yxy	<a href="#">59.7423, 0.2300, 0.3481</a>
Android (android.graphics.Color)	<a href="#">4278248405 (0xFF00E3D5)</a>
YUV	<a href="#">157.5310, 27.3462, -138.1547</a>
Hunter-Lab	<a href="#">77.2931, -44.0898, -1.4325</a>

# Details

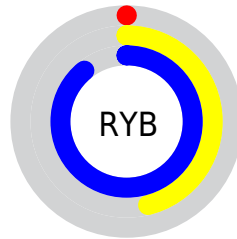
The Hex color **00E3D5** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E3000E**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **70FFFF**, and **00AB9E** is the 20% darker color. If you saturate the color by 10%, you get **00E3D5**, and if you desaturate by 10%, it is **17E3D6**.

# Distribution



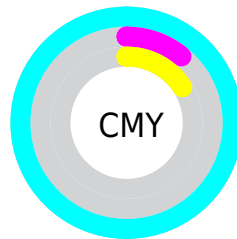
- Red (0%)
- Green (89%)
- Blue (84%)



- Red (0%)
- Yellow (46%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 00E3D5 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 00E3D5 by changing the saturation by 10% instead.



 00E3D5

FFFFFF

 70FFFF

 92FFFF

 B2FFFF

 D2FFFF

 F2FFFF

 00E3D5

 00C6B9

 00AB9E

 008F84

 00756B

 005B53

 00433C

 002D26

 000C13

 000000

 00E3D5

 17E3D6

 2DE3D8

 44E3D9

 5BE3DB

 72E3DC

 88E3DD

 9FE3DF

 B6E3E0

 CCE3E2

# Harmonies

## Analogous

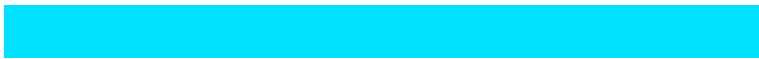
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72E0A6



00E3D5



00E1FF

# Triad

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



00E3D5



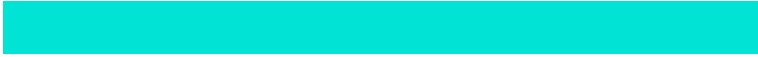
DEBBFF



FFBC78

# Complementary

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



00E3D5



E3000E

# 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.



FFAD96



00E3D5



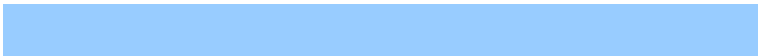
FFACEF

# Square

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



00E3D5



98CCFF



FFA7C2



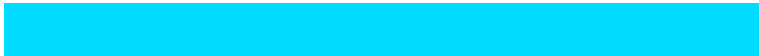
DDCC6F

# Rectangle

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



00E3D5



00DCFF



FFA7C2

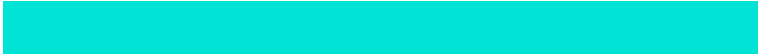


FFB780



# Sweetspot

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



00E3D5



B3FFFA



0FE300



52807D



000000



808080



# Same Dimension

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



00E3D5



00FFEF



0081E3



677372



00B3A7



003330



# Inverse Universe

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



E3000E



FF0010



E36200



736768



B3000B

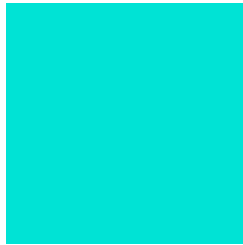


330003



# Previews

## White Background



This preview shows how the Hex color 00E3D5 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 00E3D5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

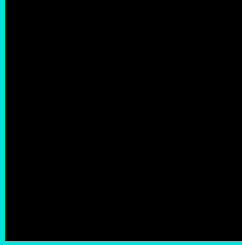
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

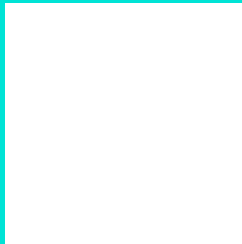
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00E3D5 Background



This preview shows how black text looks on a background with the Hex color 00E3D5.

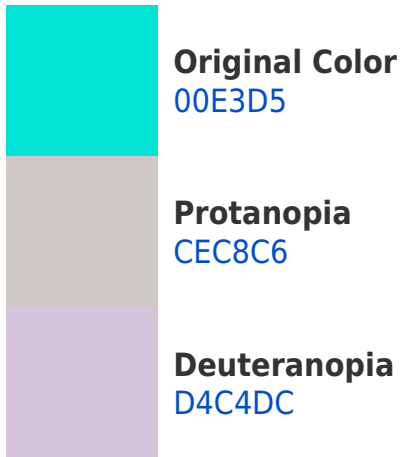


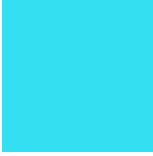
This preview shows how white text looks on a background with the Hex color 00E3D5.

# 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**  
34DFF1

# Trichromacy



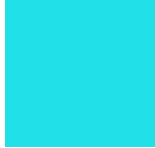
**Original Color**  
00E3D5



**Protanomaly**  
83D2CB



**Deuteranomaly**  
87CFD9



**Tritanomaly**  
21E0E7

# Monochromacy



**Original Color**  
00E3D5



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
65B7B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00E3D5 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 #00E3D5 looks like.

```
.text, #text, p{  
    color:#00E3D5  
}
```

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 #00E3D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E3D5
}
```

## Border

The CSS property to change the border of an element to Hex 00E3D5 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
#00E3D5 }
```

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

```
.border{ border-color:#00E3D5 }
```

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

Here you see how a box with a 4 pixel #00E3D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E3D5; -webkit-box-shadow:4px 4px  
4px 4px #00E3D5; box-shadow:4px 4px 4px  
4px #00E3D5 }
```

# Background

The CSS property to change the background color of an element to Hex 00E3D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E3D5 }
```

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

```
.background{ background-color:#00E3D5 }
```

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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