

Converting Colors

Hex(00E5E5)

Have a look what the booklet for
Hex(00E5E5) contains.

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Color

Hex(00E5E5)

Conversions

Conversions Part 1

Format	Color
Hex	00E5E5
RGB	0, 229, 229
RGB Percent	0%, 90%, 90%
CMY	1.0000, 0.1020, 0.1020
CMYK	1.00, 0.00, 0.00, 0.10
HSL	180°, 100%, 45%
HSV	180°, 100%, 90%
XYZ	42.1622, 61.6958, 83.8150
YIQ	160.5290, -136.4840, -48.5480

Conversions

Conversions Part 2

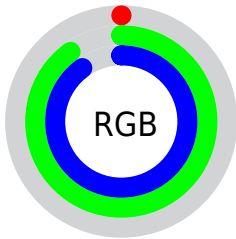
Format	Color
RYB	0, 115, 229
Decimal	58853
CIELab	82.75, -44.32, -13.03
CIELCh	83, 46.202, 196.386
Yxy	61.6958, 0.2247, 0.3287
Android (android.graphics.Color)	4278248933 (0xFF00E5E5)
YUV	160.5290, 33.7562, -140.7839
Hunter-Lab	78.5467, -41.6416, -8.2841

Details

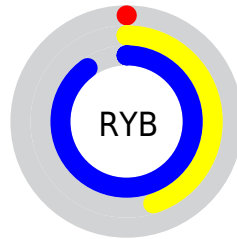
The Hex color **00E5E5** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **E50000**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **72FFFF**, and **00ADAE** is the 20% darker color. If you saturate the color by 10%, you get **00E5E5**, and if you desaturate by 10%, it is **17E5E5**.

Distribution



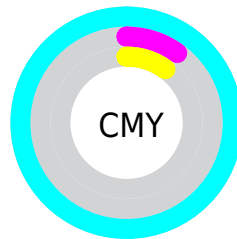
- Red (0%)
- Green (90%)
- Blue (90%)



- Red (0%)
- Yellow (45%)
- Blue (90%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E5E5 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 00E5E5 by changing the saturation by 10% instead.

 00E5E5

 00E5E5


FFFFFF

 00C9C9

 72FFFF

 00ADAЕ

 94FFFF

 009293

 B5FFFF

 007779

 D6FFFF

 005E61

 F6FFFF

 004549

 002E32

 00121E

 000001

 00E5E5

 17E5E5

 2EE5E5

 45E5E5

 5CE5E5

 73E5E5

 89E5E5

 A0E5E5

 B7E5E5

 CEE5E5

Harmonies

Analogous

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



67E4B8



00E5E5



00E1FF

Triad

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



00E5E5



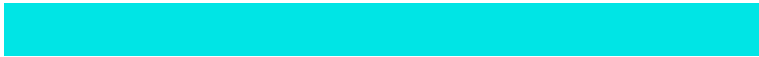
F1BAFF



FBC579

Complementary

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



00E5E5



E50000

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.



FFB691



00E5E5



FFAEE4

Square

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



00E5E5



B5CAFF



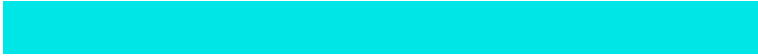
FFACB8



D2D379

Rectangle

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



00E5E5



47DCFF



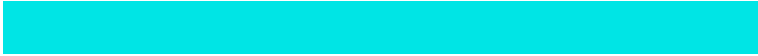
FFACB8



FFBF7F

Sweetspot

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



00E5E5



B3FFFF



00E500



528080



000000



808080

Same Dimension

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



00E5E5



00FFFF



0073E5



677373



00B3B3



003333

Inverse Universe

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



E500E5



FF00FF



E57300



736773



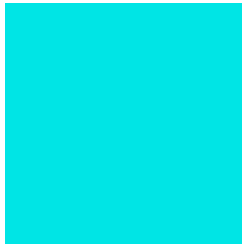
B300B3



330033

Previews

White Background



This preview shows how the Hex color 00E5E5 looks on a white background.

Color Contrast Check

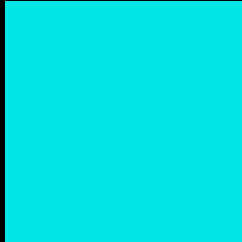
Large Text (above 18pt) WCAG AA × Fail

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 00E5E5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

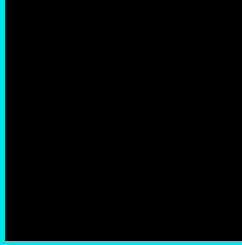
Any Text WCAG AA ✓ Pass

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 00E5E5 Background



This preview shows how black text looks on a background with the Hex color 00E5E5.

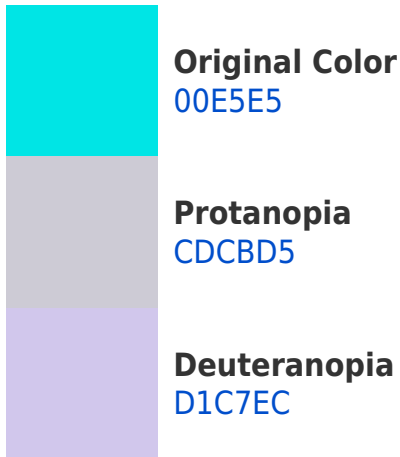


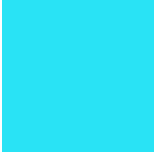
This preview shows how white text looks on a background with the Hex color 00E5E5.

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
29E3F5

Trichromacy



Original Color
00E5E5



Protanomaly
82D4DB



Deuteranomaly
85D2E9

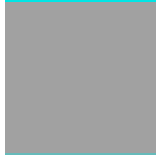


Tritanomaly
1AE4EF

Monochromacy



Original Color
00E5E5



Achromatopsia
A1A1A1



Achromatomaly
66BABA

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E5E5 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 #00E5E5 looks like.

```
.text, #text, p{  
    color:#00E5E5  
}
```

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 #00E5E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E5E5
}
```

Border

The CSS property to change the border of an element to Hex 00E5E5 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
#00E5E5 }
```

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

```
.border{ border-color:#00E5E5 }
```

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

Here you see how a box with a 4 pixel #00E5E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E5E5; -webkit-box-shadow:4px 4px  
4px 4px #00E5E5; box-shadow:4px 4px 4px  
4px #00E5E5 }
```

Background

The CSS property to change the background color of an element to Hex 00E5E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E5E5 }
```

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

```
.background{ background-color:#00E5E5 }
```

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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