

Converting Colors

Hex(00EAE5)

Have a look what the booklet for
Hex(00EAE5) contains.

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Color

Hex(00EAE5)

Conversions

Conversions Part 1	
Format	Color
Hex	00EAE5
RGB	0, 234, 229
RGB Percent	0%, 92%, 90%
CMY	1.0000, 0.0824, 0.1020
CMYK	1.00, 0.00, 0.02, 0.08
HSL	179°, 100%, 46%
HSV	179°, 100%, 92%
XYZ	43.5657, 64.5028, 84.2829
YIQ	163.4640, -137.8590, -51.1630

Conversions

Conversions Part 2

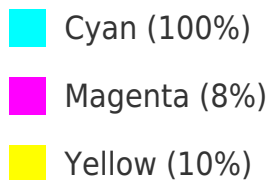
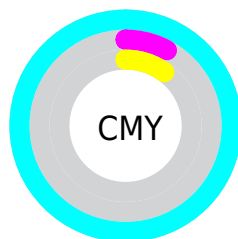
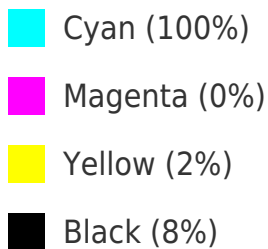
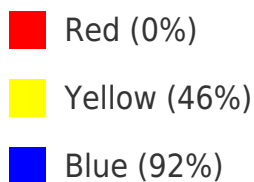
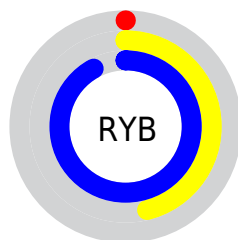
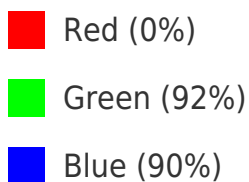
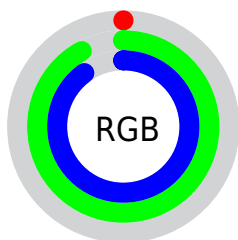
Format	Color
RYB	0, 118, 234
Decimal	60133
CIELab	84.23, -46.50, -10.83
CIELCh	84, 47.744, 193.111
Yxy	64.5028, 0.2265, 0.3353
Android (android.graphics.Color)	4278250213 (0xFF00EAE5)
YUV	163.4640, 32.3092, -143.3579
Hunter-Lab	80.3136, -43.7225, -6.0007

Details

The Hex color **00EAE5** 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 **EA0005**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **73FFFF**, and **00B1AE** is the 20% darker color. If you saturate the color by 10%, you get **00EAE5**, and if you desaturate by 10%, it is **17EAE6**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 00EAE5 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 00EAE5 by changing the saturation by 10% instead.

 00EAE5

FFFFFF

 73FFFF

 95FFFF

 B6FFFF


 D7FFFF

 F7FFFF

 00EAE5

 00CDC9

 00B1AE

 009693

 007B79

 006261

 004949

 003132

 00181E

 000002

 00EAE5

 17EAE6

 2FEAE6

 46EAE7

 5EEAE7

 75EAE8

 8CEAE8

 A4EAE9

 BBEAE9

 D3EAEA

Harmonies

Analogous

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



6EE8B6



00EAE5



00E7FF

Triad

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



00EAE5



F0BFFF



FFC77C

Complementary

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



00EAE5



EA0005

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.



FFB797



00EAE5



FFB2ED

Square

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



00EAE5



B0D0FF



FFAFC0



DCD679

Rectangle

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



00EAE5



34E2FF



FFAFC0



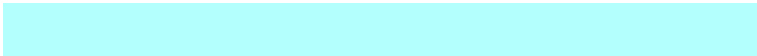
FFC183

Sweetspot

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



00EAE5



B3FFFD



08EA00



52807F



000000



808080

Same Dimension

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



00EAE5



00FFFA



007DEA



6A7575



00B5B1



003634

Inverse Universe

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



EA0005



FF0005



EA6D00



756A6A



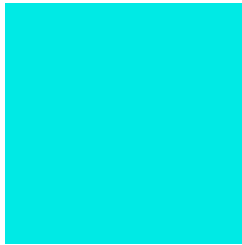
B50004



360001

Previews

White Background



This preview shows how the Hex color 00EAE5 looks on a white background.

Color Contrast Check

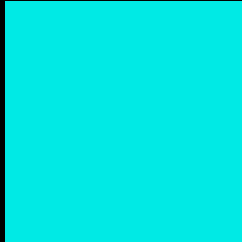
Large Text (above 18pt) WCAG AA × Fail

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 00EAE5 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 00EAE5 Background



This preview shows how black text looks on a background with the Hex color 00EAE5.

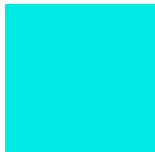


This preview shows how white text looks on a background with the Hex color 00EAE5.

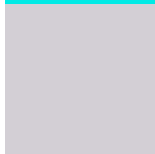
Color Blindness Simulation

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](#).

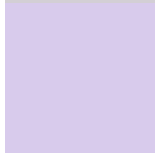
Dichromacy



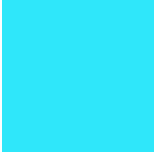
Original Color
00EAE5



Protanopia
D3CFD5



Deuteranopia
D8CBEC

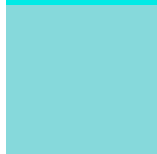


Tritanopia
2FE7FA

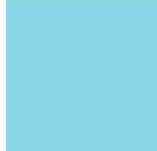
Trichromacy



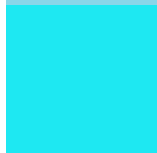
Original Color
00EAE5



Protanomaly
86D9DB



Deuteranomaly
89D6E9

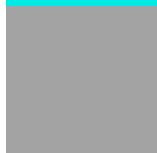


Tritanomaly
1EE8F2

Monochromacy



Original Color
00EAE5



Achromatopsia
A3A3A3



Achromatomaly
68BDBB

CSS Examples

Text

The CSS property to change the color of the text to Hex 00EAE5 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 #00EAE5 looks like.

```
.text, #text, p{  
    color:#00EAE5  
}
```

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 #00EAE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00EAE5
}
```

Border

The CSS property to change the border of an element to Hex 00EAE5 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
#00EAE5 }
```

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

```
.border{ border-color:#00EAE5 }
```

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

Here you see how a box with a 4 pixel #00EAE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00EAE5; -webkit-box-shadow:4px 4px  
4px 4px #00EAE5; box-shadow:4px 4px 4px  
4px #00EAE5 }
```

Background

The CSS property to change the background color of an element to Hex 00EAE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00EAE5 }
```

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

```
.background{ background-color:#00EAE5 }
```

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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