

Converting Colors

Hex(00EEEC)

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

Hex(00EEEC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00EEEC)

Conversions

Conversions Part 1

Format	Color
Hex	00EEEC
RGB	0, 238, 236
RGB Percent	0%, 93%, 93%
CMY	1.0000, 0.0667, 0.0745
CMYK	1.00, 0.00, 0.01, 0.07
HSL	179°, 100%, 47%
HSV	179°, 100%, 93%
XYZ	45.7149, 67.2052, 89.9194
YIQ	166.6100, -141.2060, -51.0780

Conversions

Conversions Part 2

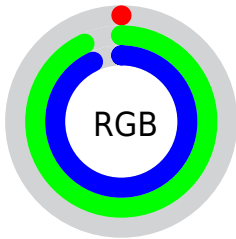
Format	Color
RYB	0, 120, 238
Decimal	61164
CIELab	85.61, -46.21, -12.46
CIELCh	86, 47.862, 195.084
Yxy	67.2052, 0.2254, 0.3313
Android (android.graphics.Color)	4278251244 (0xFF00EEEC)
YUV	166.6100, 34.2093, -146.1170
Hunter-Lab	81.9788, -43.9237, -7.6478

Details

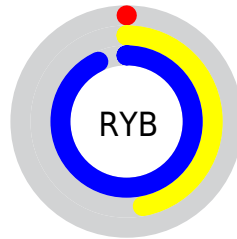
The Hex color **00EEEC** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **EE0002**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **74FFFF**, and **00B5B4** is the 20% darker color. If you saturate the color by 10%, you get **00EEEC**, and if you desaturate by 10%, it is **18EEEC**.

Distribution



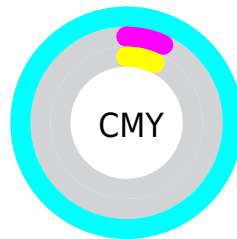
- Red (0%)
- Green (93%)
- Blue (93%)



- Red (0%)
- Yellow (47%)
- Blue (93%)



- Cyan (100%)
- Magenta (0%)
- Yellow (1%)
- Black (7%)



- Cyan (100%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

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

 00EEEE

 00EEEE

FFFFFF

 00D1D0

 74FFFF

 00B5B4

 97FFFF

 009A9A

 B8FFFF

 007F80

 D9FFFF

 006567

 F9FFFF

 004C4F

 003438

 001D23

 00000C

00EEEE

18EEEE

30EEEE

47EEED

5FEEED

77EEED

8FEEED

A7EEED

BEEEE

D6EEEE

Harmonies

Analogous

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



6EECBD



00EEEC



00EAFF

Triad

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



00EEEE



F8C2FF



FFCB7E

Complementary

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



00EEEC



EE0002

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.



FFBC98



00EEEE



FFB5EF

Square

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



00EEEC



B8D3FF



FFB3C1



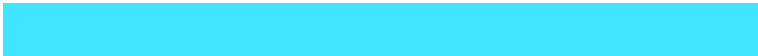
DDDB7D

Rectangle

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



00EEEE



42E5FF



FFB3C1



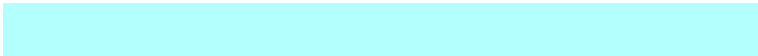
FFC685

Sweetspot

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



00EEEE



B3FFFE



04EE00



52807F



000000



808080

Same Dimension

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



00EEEC



00FFFD



007BEE



6C7878



00B8B6



003838

Inverse Universe

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



EE0002



FF0002



EE7300



786C6C



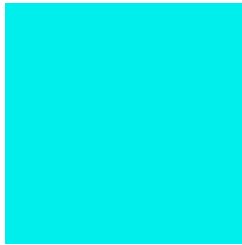
B80002



380000

Previews

White Background



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

Color Contrast Check

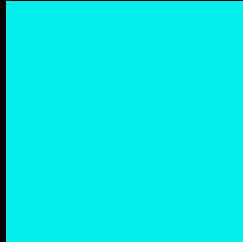
Large Text (above 18pt) WCAG AA × Fail

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 00EEEE 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 00EEEC Background



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

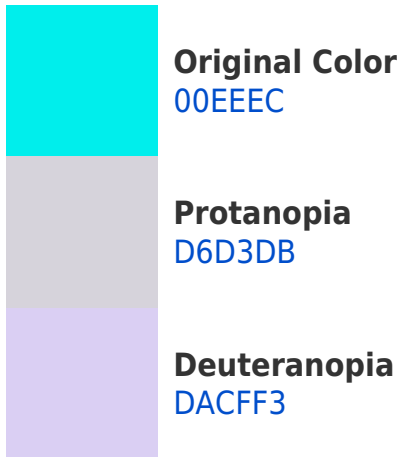


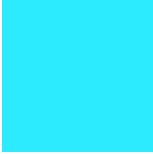
This preview shows how white text looks on a background with the Hex color 00EEEC.

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
2DEBFE

Trichromacy



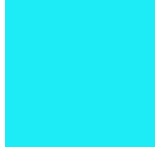
Original Color
00EEEC



Protanomaly
88DDE1



Deuteranomaly
8BDAF0

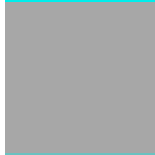


Tritanomaly
1DECF7

Monochromacy



Original Color
00EEEC



Achromatopsia
A7A7A7



Achromatomaly
6AC1C0

CSS Examples

Text

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

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

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 #00EEEE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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