

Converting Colors

Hex(00FEEE)

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

Hex(00FEEE)	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(00FEEE)

Conversions

Conversions Part 1

Format	Color
Hex	00FEEE
RGB	0, 254, 238
RGB Percent	0%, 100%, 93%
CMY	1.0000, 0.0039, 0.0667
CMYK	1.00, 0.00, 0.06, 0.00
HSL	176°, 100%, 50%
HSV	176°, 100%, 100%
XYZ	50.8744, 77.0567, 93.0810
YIQ	176.2300, -146.2480, -58.8240

Conversions

Conversions Part 2

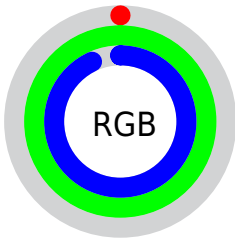
Format	Color
RYB	0, 131, 254
Decimal	65262
CIELab	90.35, -52.43, -6.46
CIElCh	90, 52.825, 187.021
Yxy	77.0567, 0.2302, 0.3487
Android (android.graphics.Color)	4278255342 (0xFF00FEEE)
YUV	176.2300, 30.4526, -154.5537
Hunter-Lab	87.7819, -50.1679, -1.4218

Details

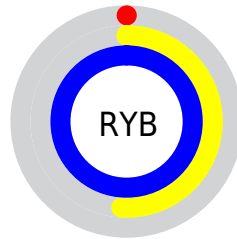
The Hex color **00FEEE** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **FE0010**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **77FFFF**, and **00C4B6** is the 20% darker color. If you saturate the color by 10%, you get **00FEEE**, and if you desaturate by 10%, it is **19FEF0**.

Distribution



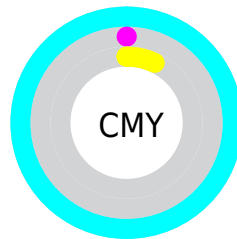
- Red (0%)
- Green (100%)
- Blue (93%)



- Red (0%)
- Yellow (51%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

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

 00FEEE

 00FEEE

FFFFFF

 00E1D2

 77FFFF

 00C4B6

 9BFFFF

 00A89B

 BCFFFF

 008D81

 DDFFFF

 007368

FEFFFF

 005950

 00403A

 002A24

 000310

 00FEEE

 19FEF0

 33FEF1

 4CFEF3

 66FEF4

 7FFEF6

 98FEF8

 B2FEF9

 CBFEFB

 E5FEFC

Harmonies

Analogous

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



81FBBA



00FEEE



00FCFF

Triad

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



00FEEE



F8D2FF



FFD387

Complementary

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



00FEEF



FE0010

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.



FFC2A9



00FEEE



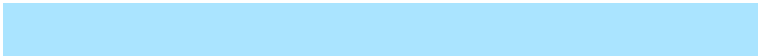
FFC1FF

Square

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



00FEEE



AAE4FF



FFBBD9



F8E47D

Rectangle

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



00FEEE



00F7FF



FFBBD9



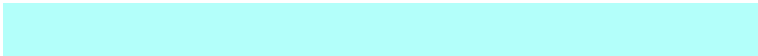
FFCD90

Sweetspot

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



00FEEF



B3FFFA



11FE00



52807D



000000



808080

Same Dimension

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



00FEEE



00FFEF



0090FE



73807F



00BFB3



00403C

Inverse Universe

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



FE0010



FF0010



FE6E00



807374



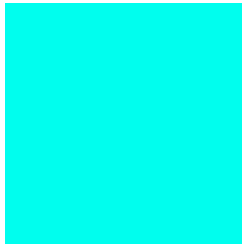
BF000C



400004

Previews

White Background



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

Color Contrast Check

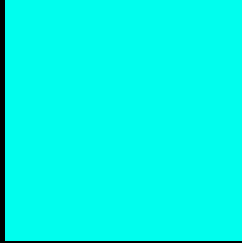
Large Text (above 18pt) WCAG AA × Fail

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 00FEEE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

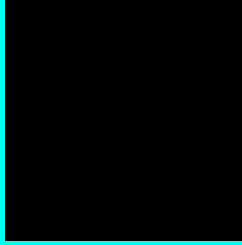
Any Text WCAG AA ✓ Pass

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 00FEEE Background



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



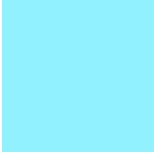
This preview shows how white text looks on a background with the Hex color 00FEEE.

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](#).

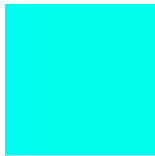
Dichromacy



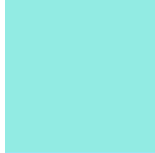


Tritanopia
92F1FF

Trichromacy



Original Color
00FEEF



Protanomaly
92EBE3



Deuteranomaly
97E8F3

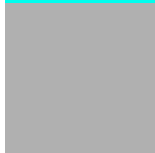


Tritanomaly
5DF6F9

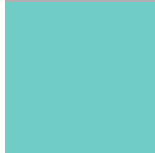
Monochromacy



Original Color
00FEEF



Achromatopsia
B0B0B0



Achromatomaly
70CCC7

CSS Examples

Text

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

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

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 #00FEEE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor