

Converting Colors

Hex(0FF6E4)

Have a look what the booklet for
Hex(0FF6E4) contains.

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Color

Hex(0FF6E4)

Conversions

Conversions Part 1

Format	Color
Hex	0FF6E4
RGB	15, 246, 228
RGB Percent	6%, 96%, 89%
CMY	0.9412, 0.0353, 0.1059
CMYK	0.94, 0.00, 0.07, 0.04
HSL	175°, 93%, 51%
HSV	175°, 94%, 96%
XYZ	47.1564, 71.6145, 84.7364
YIQ	174.8790, -131.8980, -54.5700

Conversions

Conversions Part 2

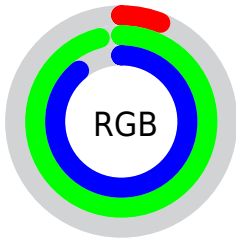
Format	Color
R _Y B	15, 135, 246
Decimal	1046244
CIE Lab	87.78, -51.51, -5.03
CIE LCh	88, 51.758, 185.575
Yxy	71.6145, 0.2317, 0.3519
Android (android.graphics.Color)	4279236324 (0xFF0FF6E4)
YUV	174.8790, 26.1887, -140.2139
Hunter-Lab	84.6254, -48.6276, -0.1300

Details

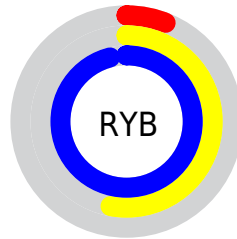
The Hex color **0FF6E4** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **F60F21**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **77FFFF**, and **00BDAD** is the 20% darker color. If you saturate the color by 10%, you get **00F6E3**, and if you desaturate by 10%, it is **28F6E6**.

Distribution



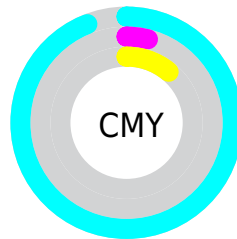
- Red (6%)
- Green (96%)
- Blue (89%)



- Red (6%)
- Yellow (53%)
- Blue (96%)



- Cyan (94%)
- Magenta (0%)
- Yellow (7%)
- Black (4%)



- Cyan (94%)
- Magenta (4%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0FF6E4 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 0FF6E4 by changing the saturation by 10% instead.

 0FF6E4

 0FF6E4

FFFFFF

 00D9C8

 77FFFF

 00BDAD

 9AFFFF

 00A192

 BBFFFF

 008679

 DBFFFF

 006C60

 FBFFFF

 005248

 003A32

 00231D

 000003

0FF6E4

0FF6E4

00F6E3

28F6E6

40F6E8

59F6EA

71F6EC

8AF6EE

A3F6F0

BBF6F1

D4F6F3

ECF6F5

Harmonies

Analogous

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



7FF3B2



0FF6E4



00F4FF

Triad

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



0FF6E4



EDCCFF



FFCB83

Complementary

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



0FF6E4



F60F21

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.



FFBBA5



0FF6E4



FFBBFF

Square

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



0FF6E4



A0DEFF



FFB4D5



F2DC78

Rectangle

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



0FF6E4



00EFFF



FFB4D5



FFC58C

Sweetspot

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



0FF6E4



B8FFF9



22F60F



54807C



000000



808080

Same Dimension

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



0FF6E4



00FFEB



0F96F6



6E7A79



00BAAC



003B36

Inverse Universe

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



F60F21



FF0014



F66F0F



7A6E6F



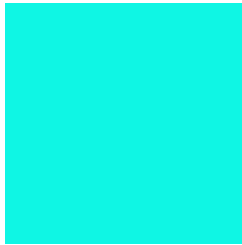
BA000F



3B0005

Previews

White Background



This preview shows how the Hex color 0FF6E4 looks on a white background.

Color Contrast Check

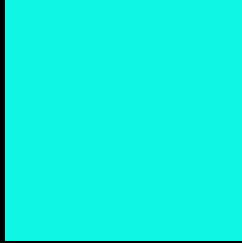
Large Text (above 18pt) WCAG AA × Fail

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 0FF6E4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

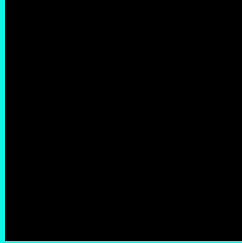
Any Text WCAG AA ✓ Pass

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 0FF6E4 Background



This preview shows how black text looks on a background with the Hex color 0FF6E4.

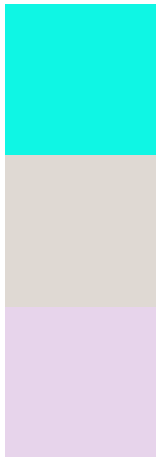


This preview shows how white text looks on a background with the Hex color 0FF6E4.

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](#).

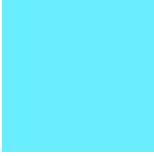
Dichromacy



Original Color
0FF6E4

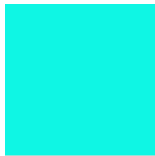
Protanopia
DFD9D3

Deuteranopia
E7D4EB

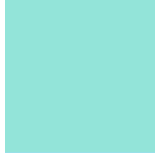


Tritanopia
68EEFF

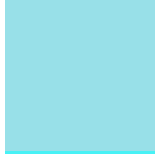
Trichromacy



Original Color
0FF6E4



Protanomaly
93E4D9



Deuteranomaly
98E0E8

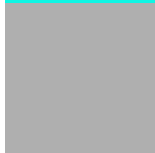


Tritanomaly
48F1F5

Monochromacy



Original Color
0FF6E4



Achromatopsia
AFAFAF



Achromatomaly
75C9C2

CSS Examples

Text

The CSS property to change the color of the text to Hex 0FF6E4 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 #0FF6E4 looks like.

```
.text, #text, p{  
    color:#0FF6E4  
}
```

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 #0FF6E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FF6E4
}
```

Border

The CSS property to change the border of an element to Hex 0FF6E4 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
#0FF6E4 }
```

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

```
.border{ border-color:#0FF6E4 }
```

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

Here you see how a box with a 4 pixel #0FF6E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FF6E4; -webkit-box-shadow:4px 4px  
4px 4px #0FF6E4; box-shadow:4px 4px 4px  
4px #0FF6E4 }
```

Background

The CSS property to change the background color of an element to Hex 0FF6E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FF6E4 }
```

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

```
.background{ background-color:#0FF6E4 }
```

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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