

Converting Colors

Hex(00FACC)

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

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Color

Hex(00FACC)

Conversions

Conversions Part 1

Format	Color
Hex	00FACC
RGB	0, 250, 204
RGB Percent	0%, 98%, 80%
CMY	1.0000, 0.0196, 0.2000
CMYK	1.00, 0.00, 0.18, 0.02
HSL	169°, 100%, 49%
HSV	169°, 100%, 98%
XYZ	45.0847, 72.7308, 68.7890
YIQ	170.0060, -134.2340, -67.3060

Conversions

Conversions Part 2

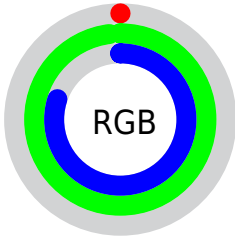
Format	Color
RYB	0, 138, 250
Decimal	64204
CIELab	88.32, -59.71, 8.25
CIELCh	88, 60.276, 172.135
Yxy	72.7308, 0.2416, 0.3898
Android (android.graphics.Color)	4278254284 (0xFF00FACC)
YUV	170.0060, 16.7590, -149.0953
Hunter-Lab	85.2824, -54.8798, 11.8742

Details

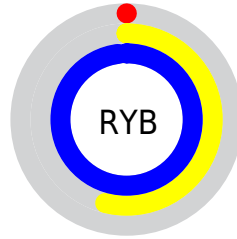
The Hex color **00FACC** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light saturated cyan. A complement of this color would be **FA002E**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **74FFFF**, and **00C096** is the 20% darker color. If you saturate the color by 10%, you get **00FACC**, and if you desaturate by 10%, it is **19FAD1**.

Distribution



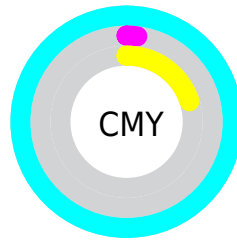
- Red (0%)
- Green (98%)
- Blue (80%)



- Red (0%)
- Yellow (54%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (2%)



- Cyan (100%)
- Magenta (2%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 00FACC

FFFFFF

 74FFFF

 97FFFF

 B8FFFF

 D8FFFF

 F8FFFF

 00FACC

 00DDB1

 00C096

 00A47C

 008963

 006E4B

 005435

 003C1F

 002409

 000000

 00FACC


 19FAD1

 32FAD5

 4BFADA

 64FADE

 7DFAE3

 96FAE8

 AFFAEC

 C8FAF1

 E1FAF5

Harmonies

Analogous

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



92F495



00FACC



00FBFF

Triad

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



00FACC



CAD4FF



FFC085

Complementary

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



00FACC



FA002E

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.



FFB0B5



00FACC



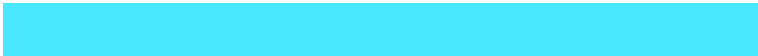
FFBEFF

Square

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



00FACC



4AE8FF



FFAFEF



FFD569

Rectangle

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



00FACC



00F8FF



FFAFEF



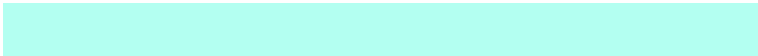
FFBA93

Sweetspot

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



00FACC



B3FFF1



32FA00



528077



000000



808080

Same Dimension

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



00FACC



00FFD0



00AFFA



707D7B



00BD9A



003D32

Inverse Universe

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



FA002E



FF002F



FA4B00



7D7073



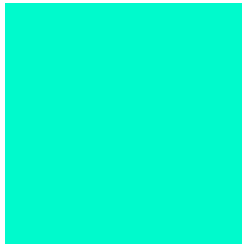
BD0023



3D000B

Previews

White Background



This preview shows how the Hex color 00FACC 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 00FACC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

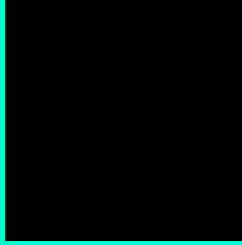
Any Text WCAG AA ✓ Pass

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 00FACC Background



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

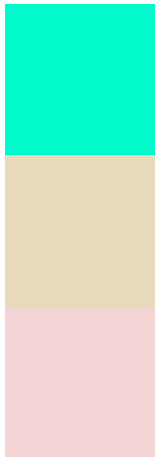


This preview shows how white text looks on a background with the Hex color 00FACC.

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](#).

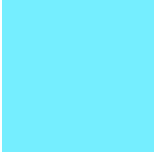
Dichromacy



Original Color
00FACC

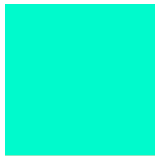
Protanopia
E7DBBC

Deuteranopia
F3D4D4

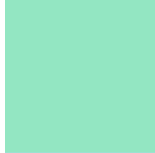


Tritanopia
75EEFF

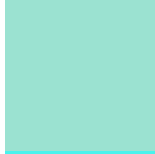
Trichromacy



Original Color
00FACC



Protanomaly
93E6C2



Deuteranomaly
9BE2D1

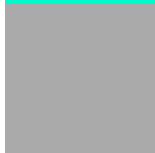


Tritanomaly
4AF2EC

Monochromacy



Original Color
00FACC



Achromatopsia
AAAAAA



Achromatomaly
6CC7B6

CSS Examples

Text

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

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

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 #00FACC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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