

Converting Colors

Hex(076FC8)

Have a look what the booklet for
Hex(076FC8) contains.

Hex(076FC8)	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(076FC8)

Conversions

Conversions Part 1

Format	Color
Hex	076FC8
RGB	7, 111, 200
RGB Percent	3%, 44%, 78%
CMY	0.9725, 0.5647, 0.2157
CMYK	0.96, 0.45, 0.00, 0.22
HSL	208°, 93%, 41%
HSV	208°, 96%, 78%
XYZ	16.1974, 15.5842, 56.7979
YIQ	90.0500, -90.5530, 5.6310

Conversions

Conversions Part 2

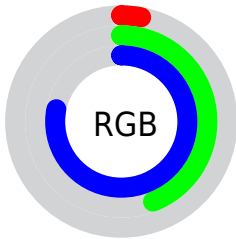
Format	Color
RYB	7, 75, 200
Decimal	487368
CIELab	46.42, 8.14, -53.37
CIELCh	46, 53.987, 278.670
Yxy	15.5842, 0.1829, 0.1759
Android (android.graphics.Color)	4278677448 (0xFF076FC8)
YUV	90.0500, 54.2054, -72.8349
Hunter-Lab	39.4768, 4.1544, -57.6708

Details

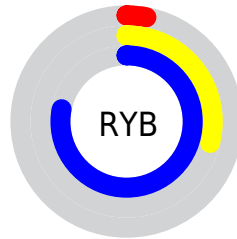
The Hex color **076FC8** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C86007**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **63A2FF**, and **004091** is the 20% darker color. If you saturate the color by 10%, you get **006CC8**, and if you desaturate by 10%, it is **1B78C8**.

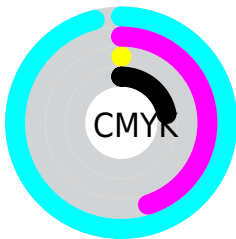
Distribution



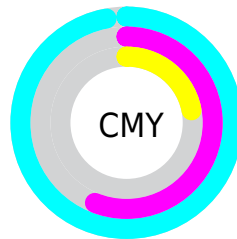
- Red (3%)
- Green (44%)
- Blue (78%)



- Red (3%)
- Yellow (29%)
- Blue (78%)



- Cyan (96%)
- Magenta (45%)
- Yellow (0%)
- Black (22%)



- Cyan (97%)
- Magenta (56%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 076FC8 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 076FC8 by changing the saturation by 10% instead.

076FC8

076FC8

FFFFFF

0057AC

63A2FF

004091

82BDFF

002B77

A1D9FF

00185E

BFF5FF

000845

DEFFFF

00042E

FCFFFF

000118

000000

076FC8

076FC8

■ 006CC8

■ 1B78C8

■ 2F81C8

■ 438BC8

■ 5794C8

■ 6B9DC8

■ 7FA6C8

■ 93B0C8

■ A7B9C8

■ BBC2C8

Harmonies

Analogous

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



007CC2



076FC8



805CB5

Triad

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



076FC8



B74C38



00814B

Complementary

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



076FC8



C86007

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.



477B20



076FC8



9E6011

Square

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



076FC8



BF4063



787000



00837A

Rectangle

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



076FC8



A24E9E



787000



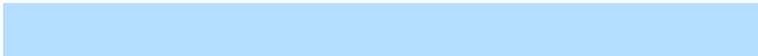
007F3C

Sweetspot

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



076FC8



B5DDFF



07C85E



536B80



000000



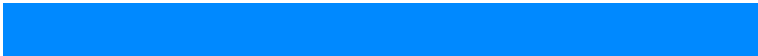
808080

Same Dimension

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



076FC8



0089FF



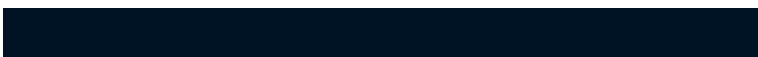
0711C8



5A5F63



0058A3



001324

Inverse Universe

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



C8076F



FF0089



C8BE07



635A5F



A30058



240013

Previews

White Background



This preview shows how the Hex color 076FC8 looks on a white background.

Color Contrast Check

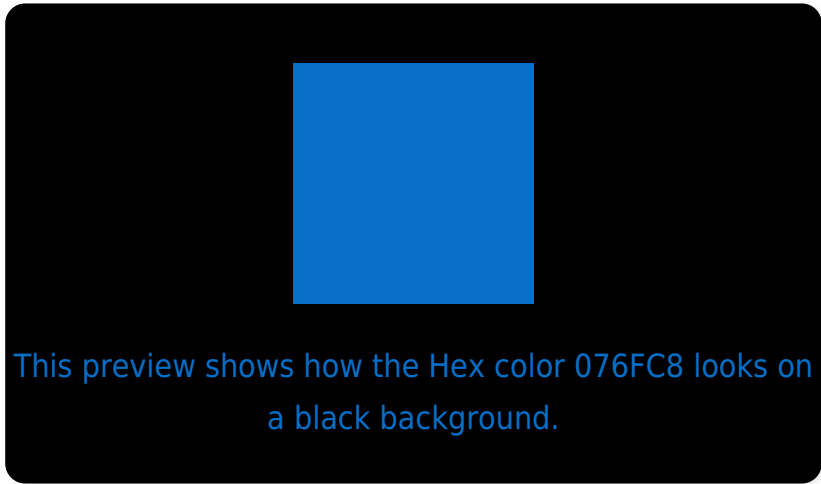
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

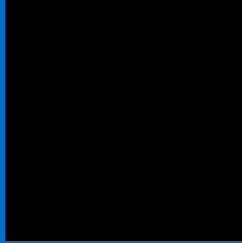
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 076FC8 Background



This preview shows how black text looks on a background with the Hex color 076FC8.



This preview shows how white text looks on a background with the Hex color 076FC8.

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



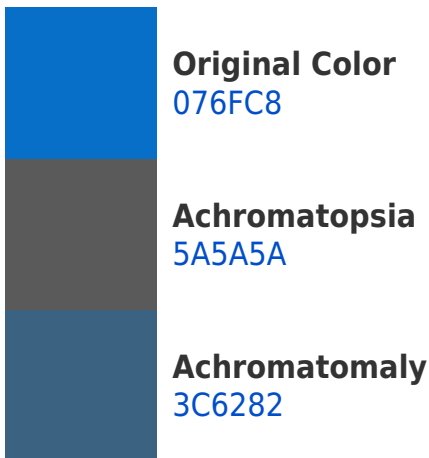


Tritanopia
007A82

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 076FC8 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 #076FC8 looks like.

```
.text, #text, p{  
    color:#076FC8  
}
```

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 #076FC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #076FC8 }  
}
```

Border

The CSS property to change the border of an element to Hex 076FC8 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 #076FC8 }  
}
```

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

```
.border{ border-color:#076FC8 }
```

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

Here you see how a box with a 4 pixel #076FC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #076FC8; -webkit-box-shadow:4px 4px  
4px 4px #076FC8; box-shadow:4px 4px 4px  
4px #076FC8 }
```

Background

The CSS property to change the background color of an element to Hex 076FC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#076FC8 }
```

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

```
.background{ background-color:#076FC8 }
```

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