

Converting Colors

Hex(006FC7)

Have a look what the booklet for
Hex(006FC7) contains.

Hex(006FC7)	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(006FC7)

Conversions

Conversions Part 1

Format	Color
Hex	006FC7
RGB	0, 111, 199
RGB Percent	0%, 44%, 78%
CMY	1.0000, 0.5647, 0.2196
CMYK	1.00, 0.44, 0.00, 0.22
HSL	207°, 100%, 39%
HSV	207°, 100%, 78%
XYZ	15.9932, 15.4924, 56.1802
YIQ	87.8430, -94.4040, 3.8360

Conversions

Conversions Part 2

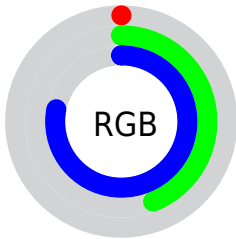
Format	Color
RYB	0, 71, 199
Decimal	28615
CIELab	46.30, 7.50, -53.00
CIELCh	46, 53.524, 278.053
Yxy	15.4924, 0.1824, 0.1767
Android (android.graphics.Color)	4278218695 (0xFF006FC7)
YUV	87.8430, 54.8004, -77.0383
Hunter-Lab	39.3604, 3.6489, -57.0741

Details

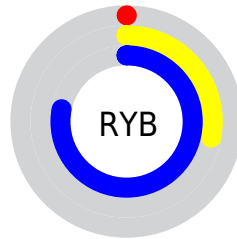
The Hex color **006FC7** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C75800**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **61A2FF**, and **004090** is the 20% darker color. If you saturate the color by 10%, you get **006FC7**, and if you desaturate by 10%, it is **1478C7**.

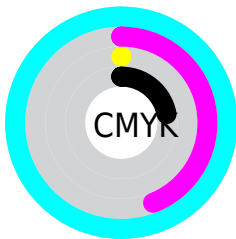
Distribution



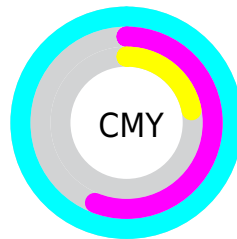
- Red (0%)
- Green (44%)
- Blue (78%)



- Red (0%)
- Yellow (28%)
- Blue (78%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (56%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006FC7 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 006FC7 by changing the saturation by 10% instead.

006FC7

006FC7

FFFFFF

0057AB

61A2FF

004090

81BDFF

002B76

9FD9FF

00185D

BEF5FF

000845

DCFFFF

00032D

FBFFFF

000118

000000

006FC7

■ 1478C7

■ 2881C7

■ 3C89C7

■ 5092C7

■ 649BC7

■ 77A4C7

■ 8BADC7

■ 9FB5C7

■ B3BEC7

Harmonies

Analogous

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



007BC1



006FC7



7E5CB5

Triad

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



006FC7



B74C39



00804A

Complementary

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



006FC7



C75800

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.



487A1F



006FC7



9E5F13

Square

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



006FC7



BE4063



786F00



008379

Rectangle

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



006FC7



A14E9E



786F00



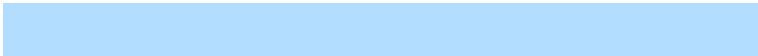
077F3B

Sweetspot

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



006FC7



B3DDFF



00C756



526B80



000000



808080

Same Dimension

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



006FC7



008EFF



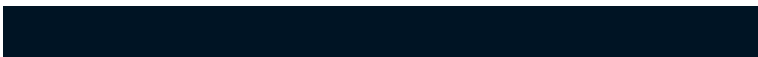
000DC7



5A5F63



005BA3



001424

Inverse Universe

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



C7006F



FF008E



C7BA00



635A5F



A3005B



240014

Previews

White Background



This preview shows how the Hex color 006FC7 looks on a white background.

Color Contrast Check

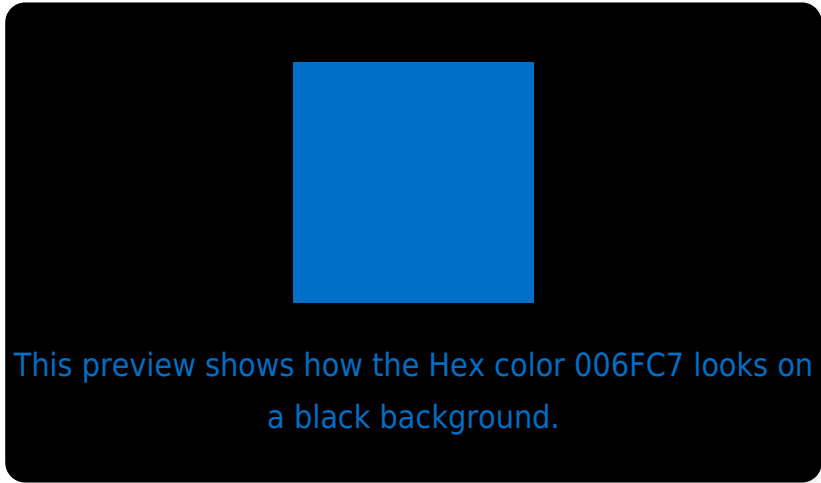
Large Text (above 18pt) WCAG AA ✓ Pass

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

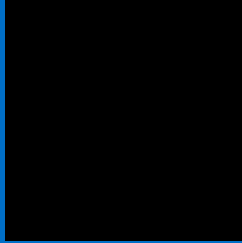
Any Text WCAG AA × Fail

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 006FC7 Background



This preview shows how black text looks on a background with the Hex color 006FC7.



This preview shows how white text looks on a background with the Hex color 006FC7.

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



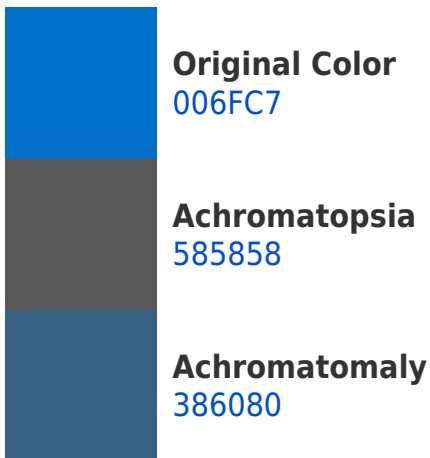


Tritanopia
007A82

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 006FC7 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 #006FC7 looks like.

```
.text, #text, p{  
    color:#006FC7  
}
```

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 #006FC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006FC7
}
```

Border

The CSS property to change the border of an element to Hex 006FC7 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
#006FC7 }
```

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

```
.border{ border-color:#006FC7 }
```

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

Here you see how a box with a 4 pixel #006FC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006FC7; -webkit-box-shadow:4px 4px  
4px 4px #006FC7; box-shadow:4px 4px 4px  
4px #006FC7 }
```

Background

The CSS property to change the background color of an element to Hex 006FC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006FC7 }
```

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

```
.background{ background-color:#006FC7 }
```

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