

Converting Colors

Hex(047FCC)

Have a look what the booklet for
Hex(047FCC) contains.

Hex(047FCC)	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(047FCC)

Conversions

Conversions Part 1

Format	Color
Hex	047FCC
RGB	4, 127, 204
RGB Percent	2%, 50%, 80%
CMY	0.9843, 0.5020, 0.2000
CMYK	0.98, 0.38, 0.00, 0.20
HSL	203°, 96%, 41%
HSV	203°, 98%, 80%
XYZ	18.5385, 19.5642, 59.9259
YIQ	99.0010, -98.0250, -2.1290

Conversions

Conversions Part 2

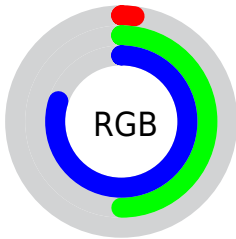
Format	Color
RYB	4, 80, 204
Decimal	294860
CIELab	51.34, -0.30, -47.80
CIELCh	51, 47.797, 269.646
Yxy	19.5642, 0.1891, 0.1996
Android (android.graphics.Color)	4278484940 (0xFF047FCC)
YUV	99.0010, 51.7645, -83.3159
Hunter-Lab	44.2314, -2.5911, -49.3657

Details

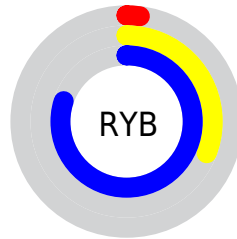
The Hex color **047FCC** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **CC5104**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **63B3FF**, and **004F95** is the 20% darker color. If you saturate the color by 10%, you get **007DCC**, and if you desaturate by 10%, it is **1887CC**.

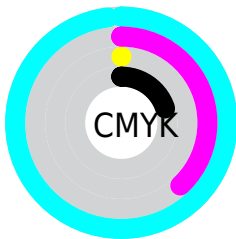
Distribution



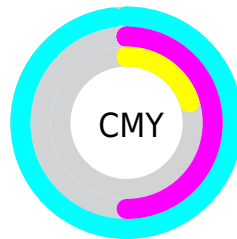
- Red (2%)
- Green (50%)
- Blue (80%)



- Red (2%)
- Yellow (31%)
- Blue (80%)



- Cyan (98%)
- Magenta (38%)
- Yellow (0%)
- Black (20%)



- Cyan (98%)
- Magenta (50%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 047FCC 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 047FCC by changing the saturation by 10% instead.

 047FCC

 047FCC

FFFFFF

 0066B0

 63B3FF

 004F95

 83CFFF

 00387B

 A2EBFF

 002462

 C0FFFF

 000D49


 DFFFFFF

 000432

FEFFFF

 00021C

 000000

 047FCC

 047FCC

■ 007DCC

■ 1887CC

■ 2D8FCC

■ 4197CC

■ 569ECC

■ 6AA6CC

■ 7EAECC

■ 93B6CC

■ A7BECC

■ BCC6CC

Harmonies

Analogous

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



0089C0



047FCC



7A70C2

Triad

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



047FCC



C35A54



2E8B4F

Complementary

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



047FCC



CC5104

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.



68842E



047FCC



B06933

Square

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



047FCC



C3557D



917822



008E79

Rectangle

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



047FCC



9E64B0



917822



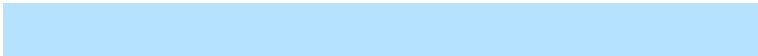
458943

Sweetspot

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



047FCC



B5E3FF



04CC51



536E80



000000



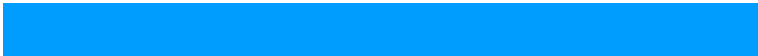
808080

Same Dimension

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



047FCC



009DFF



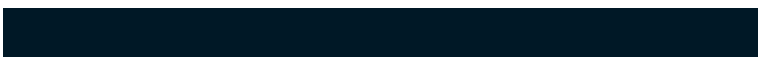
041BCC



5C6266



0066A6



001826

Inverse Universe

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



CC047F



FF009D



CCB504



665C62



A60066



260018

Previews

White Background



This preview shows how the Hex color 047FCC looks on a white background.

Color Contrast Check

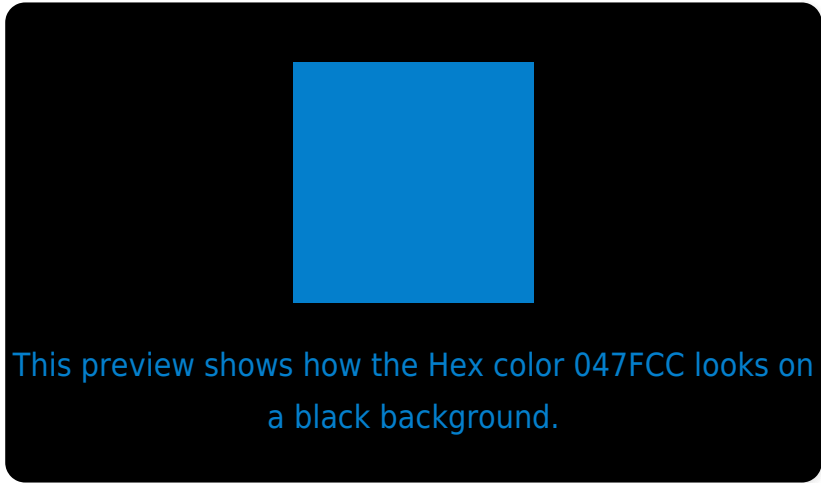
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

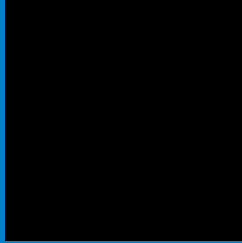
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 047FCC Background



This preview shows how black text looks on a background with the Hex color 047FCC.

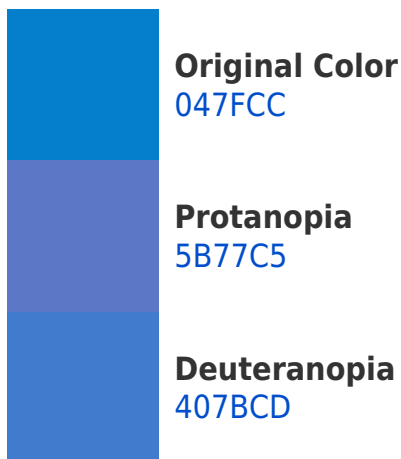


This preview shows how white text looks on a background with the Hex color 047FCC.

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](#).

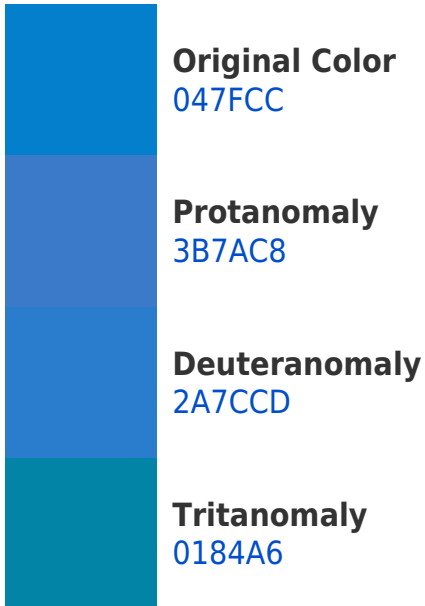
Dichromacy



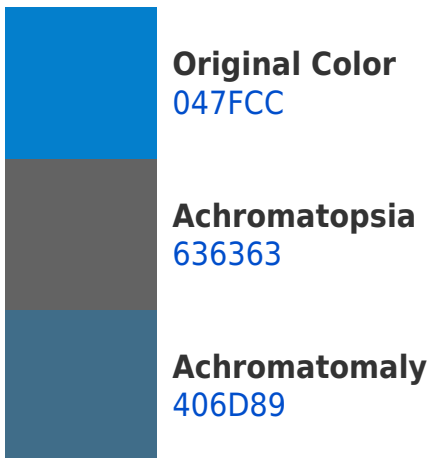


Tritanopia
008791

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 047FCC 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 #047FCC looks like.

```
.text, #text, p{  
    color:#047FCC  
}
```

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 #047FCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #047FCC
}
```

Border

The CSS property to change the border of an element to Hex 047FCC 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
#047FCC }
```

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

```
.border{ border-color:#047FCC }
```

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

Here you see how a box with a 4 pixel #047FCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #047FCC; -webkit-box-shadow:4px 4px  
4px 4px #047FCC; box-shadow:4px 4px 4px  
4px #047FCC }
```

Background

The CSS property to change the background color of an element to Hex 047FCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#047FCC }
```

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

```
.background{ background-color:#047FCC }
```

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