

Converting Colors

Hex(0072BF)

Have a look what the booklet for
Hex(0072BF) contains.

Hex(0072BF)	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(0072BF)

Conversions

Conversions Part 1

Format	Color
Hex	0072BF
RGB	0, 114, 191
RGB Percent	0%, 45%, 75%
CMY	1.0000, 0.5529, 0.2510
CMYK	1.00, 0.40, 0.00, 0.25
HSL	204°, 100%, 37%
HSV	204°, 100%, 75%
XYZ	15.4213, 15.7962, 51.5264
YIQ	88.6920, -92.6610, -0.2210

Conversions

Conversions Part 2

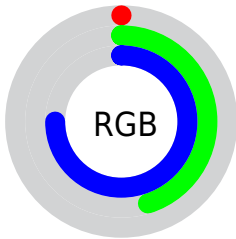
Format	Color
RYB	0, 71, 191
Decimal	29375
CIELab	46.71, 2.42, -47.74
CIELCh	47, 47.802, 272.906
Yxy	15.7962, 0.1864, 0.1909
Android (android.graphics.Color)	4278219455 (0xFF0072BF)
YUV	88.6920, 50.4378, -77.7829
Hunter-Lab	39.7445, -0.2928, -49.0450

Details

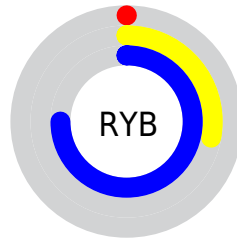
The Hex color **0072BF** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **BF4D00**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **5FA5F8**, and **004389** is the 20% darker color. If you saturate the color by 10%, you get **0072BF**, and if you desaturate by 10%, it is **137ABF**.

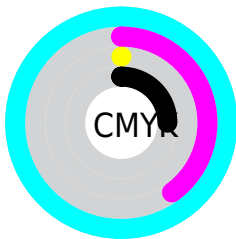
Distribution



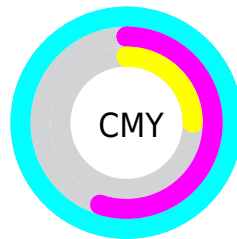
- Red (0%)
- Green (45%)
- Blue (75%)



- Red (0%)
- Yellow (28%)
- Blue (75%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (55%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0072BF 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 0072BF by changing the saturation by 10% instead.

 0072BF

 0072BF

FFFFFF

 005AA4

 5FA5F8

 004389

 7EC0FF

 002D6F

 9DDCFF

 001A56

 BBF9FF

 00063E

 D9FFFF

 000327

 F7FFFF

 000111

 000000

 0072BF

 137ABF

 2681BF

 3989BF

 4C91BF

 6099BF

 73A0BF

 86A8BF

 99B0BF

 ACB7BF

Harmonies

Analogous

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



007CB6



0072BF



7562B2

Triad

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



0072BF



B44F45



0E7F48

Complementary

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



0072BF



BF4D00

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.



577926



0072BF



A05F25

Square

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



0072BF



B6496C



806E15



008272

Rectangle

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



0072BF



9657A0



806E15



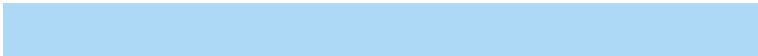
327E3C

Sweetspot

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



0072BF



ADD9F7



00BF4C



506B7D



FCFCFC



7D7D7D

Same Dimension

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



0072BF



0094F7



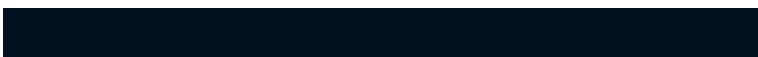
0013BF



555B5E



005E9E



00121F

Inverse Universe

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



BF0072



F70094



BFAC00



5E555B



9E005E



1F0012

Previews

White Background



This preview shows how the Hex color 0072BF looks on a white background.

Color Contrast Check

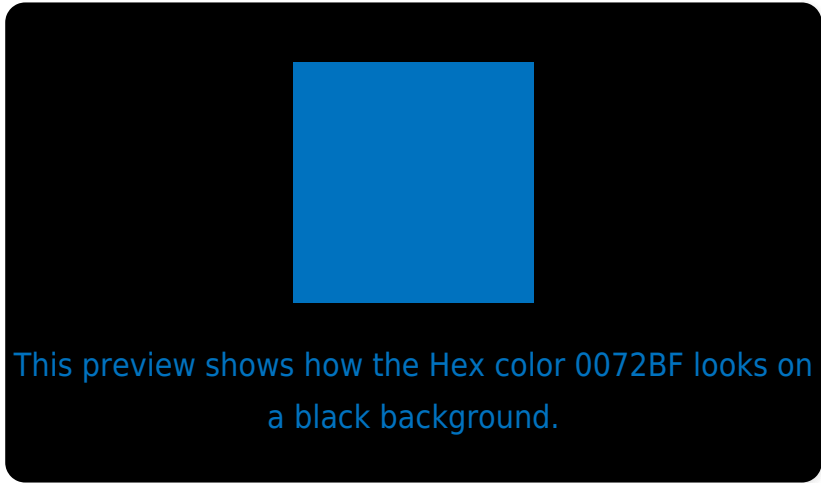
Large Text (above 18pt) WCAG AA ✓ Pass

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

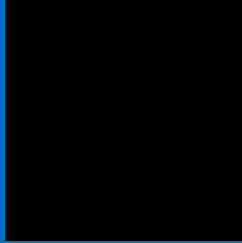
Any Text WCAG AA × Fail

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 0072BF Background



This preview shows how black text looks on a background with the Hex color 0072BF.

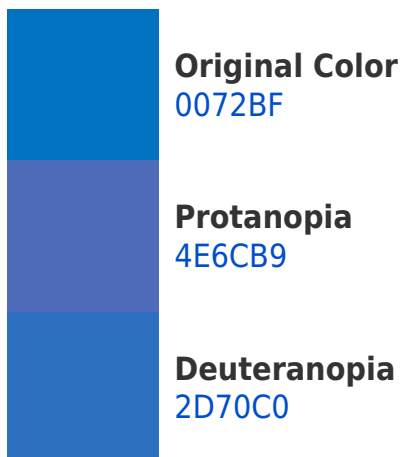


This preview shows how white text looks on a background with the Hex color 0072BF.

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](#).

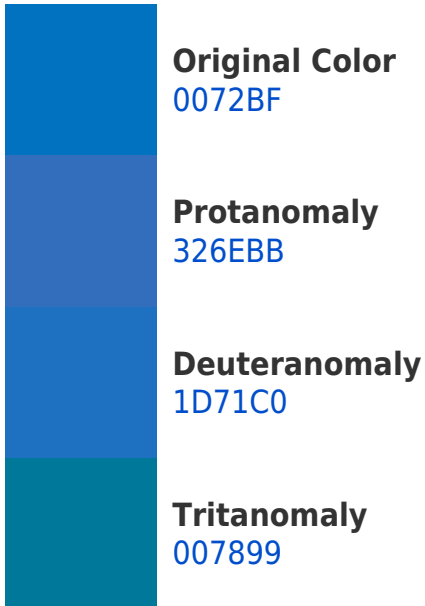
Dichromacy





Tritanopia
007B83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0072BF 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 #0072BF looks like.

```
.text, #text, p{  
    color:#0072BF  
}
```

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 #0072BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0072BF
}
```

Border

The CSS property to change the border of an element to Hex 0072BF 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
#0072BF }
```

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

```
.border{ border-color:#0072BF }
```

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

Here you see how a box with a 4 pixel #0072BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0072BF; -webkit-box-shadow:4px 4px  
4px 4px #0072BF; box-shadow:4px 4px 4px  
4px #0072BF }
```

Background

The CSS property to change the background color of an element to Hex 0072BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0072BF }
```

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

```
.background{ background-color:#0072BF }
```

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