

Converting Colors

Hex(0072C4)

Have a look what the booklet for
Hex(0072C4) contains.

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Color

Hex(0072C4)

Conversions

Conversions Part 1

Format	Color
Hex	0072C4
RGB	0, 114, 196
RGB Percent	0%, 45%, 77%
CMY	1.0000, 0.5529, 0.2314
CMYK	1.00, 0.42, 0.00, 0.23
HSL	205°, 100%, 38%
HSV	205°, 100%, 77%
XYZ	15.9811, 16.0201, 54.4745
YIQ	89.2620, -94.2660, 1.3340

Conversions

Conversions Part 2

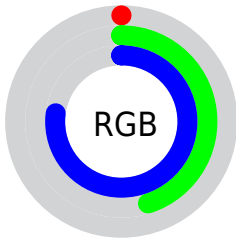
Format	Color
RYB	0, 72, 196
Decimal	29380
CIELab	47.00, 4.41, -50.15
CIELCh	47, 50.344, 275.029
Yxy	16.0201, 0.1848, 0.1853
Android (android.graphics.Color)	4278219460 (0xFF0072C4)
YUV	89.2620, 52.6218, -78.2828
Hunter-Lab	40.0252, 1.2268, -52.6763

Details

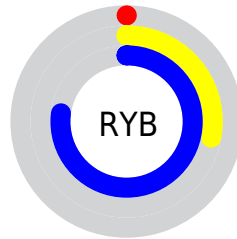
The Hex color **0072C4** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C45200**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **60A5FD**, and **00438E** is the 20% darker color. If you saturate the color by 10%, you get **0072C4**, and if you desaturate by 10%, it is **147AC4**.

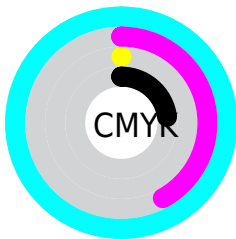
Distribution



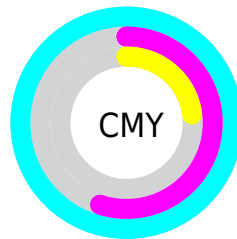
- Red (0%)
- Green (45%)
- Blue (77%)



- Red (0%)
- Yellow (28%)
- Blue (77%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (55%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0072C4 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 0072C4 by changing the saturation by 10% instead.

 0072C4

 0072C4

FFFFFF

 005AA8

 60A5FD

 00438E

 80C0FF

 002E74

 9EDCFF

 001A5A

 BDF8FF

 000742

 DBFFFF

 00032B

 FAFFFF

 000115

 000000

 0072C4

 147AC4

 2782C4

 3B8BC4

 4E93C4

 629BC4

 76A3C4

 89ABC4

 9DB4C4

 B0BCC4

Harmonies

Analogous

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



007DBC



0072C4



7A61B5

Triad

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



0072C4



B74F41



00814A

Complementary

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



0072C4



C45200

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.



527B24



0072C4



A1601F

Square

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



0072C4



BB466A



7E700D



008376

Rectangle

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



0072C4



9C54A1



7E700D



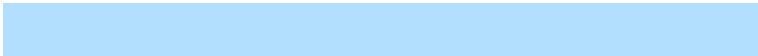
277F3C

Sweetspot

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



0072C4



B3DFFF



00C452



526C80



000000



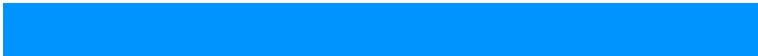
808080

Same Dimension

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



0072C4



0094FF



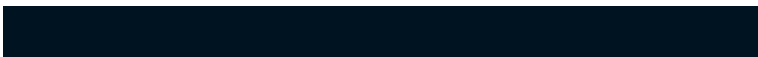
0010C4



575D61



005DA1



001321

Inverse Universe

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



C40072



FF0094



C4B400



61575D



A1005D



210013

Previews

White Background



This preview shows how the Hex color 0072C4 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



This preview shows how the Hex color 0072C4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

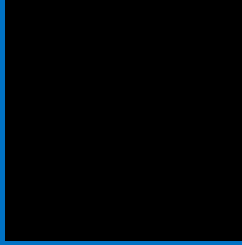
Any Text WCAG AA × Fail

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 0072C4 Background



This preview shows how black text looks on a background with the Hex color 0072C4.



This preview shows how white text looks on a background with the Hex color 0072C4.

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



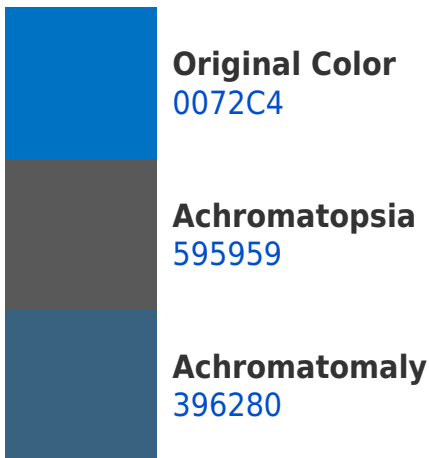


Tritanopia
007C84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0072C4 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 #0072C4 looks like.

```
.text, #text, p{  
    color:#0072C4  
}
```

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 #0072C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0072C4
}
```

Border

The CSS property to change the border of an element to Hex 0072C4 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
#0072C4 }
```

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

```
.border{ border-color:#0072C4 }
```

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

Here you see how a box with a 4 pixel #0072C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0072C4; -webkit-box-shadow:4px 4px  
4px 4px #0072C4; box-shadow:4px 4px 4px  
4px #0072C4 }
```

Background

The CSS property to change the background color of an element to Hex 0072C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0072C4 }
```

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

```
.background{ background-color:#0072C4 }
```

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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