

Converting Colors

Hex(0072A4)

Have a look what the booklet for
Hex(0072A4) contains.

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Color

Hex(0072A4)

Conversions

Conversions Part 1

Format	Color
Hex	0072A4
RGB	0, 114, 164
RGB Percent	0%, 45%, 64%
CMY	1.0000, 0.5529, 0.3569
CMYK	1.00, 0.30, 0.00, 0.36
HSL	198°, 100%, 32%
HSV	198°, 100%, 64%
XYZ	12.7182, 14.7150, 37.2919
YIQ	85.6140, -83.9940, -8.6180

Conversions

Conversions Part 2

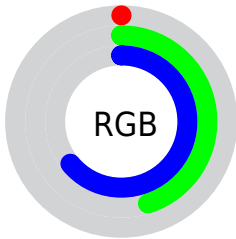
Format	Color
RYB	0, 67, 164
Decimal	29348
CIELab	45.24, -8.23, -34.34
CIELCh	45, 35.315, 256.522
Yxy	14.7150, 0.1965, 0.2273
Android (android.graphics.Color)	4278219428 (0xFF0072A4)
YUV	85.6140, 38.6443, -75.0835
Hunter-Lab	38.3601, -7.9491, -30.7869

Details

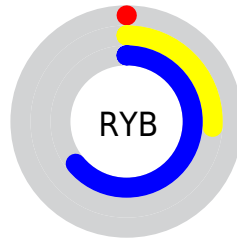
The Hex color **0072A4** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A43200**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **58A6DB**, and **004270** is the 20% darker color. If you saturate the color by 10%, you get **0072A4**, and if you desaturate by 10%, it is **1077A4**.

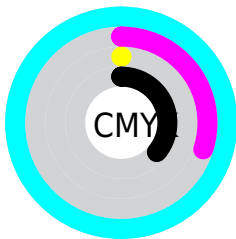
Distribution



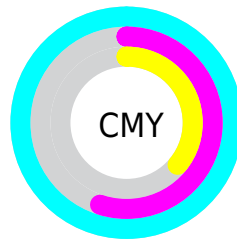
- Red (0%)
- Green (45%)
- Blue (64%)



- Red (0%)
- Yellow (26%)
- Blue (64%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (55%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0072A4 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 0072A4 by changing the saturation by 10% instead.

 0072A4

 0072A4

FFFFFF

 005A8A

 58A6DB

 004270

 76C1F8

 002C57

 93DDFF

 00193F

 B1F9FF

 000329

 CEFFFF

 000113

 ECFFFF

 000000

 0072A4

 1077A4

 217CA4

 3181A4

 4286A4

 528BA4

 6290A4

 7395A4

 839AA4

 949FA4

Harmonies

Analogous

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



007895



0072A4



5868A4

Triad

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



0072A4



A3535C



4B7541

Complementary

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



0072A4



A43200

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.



6D6F30



0072A4



9B5A42

Square

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



0072A4



9B547A



886531



19795C

Rectangle

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



0072A4



76619B



886531



57733A

Sweetspot

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



0072A4



96C3D6



00A431



455F6B



EBEBEB



6B6B6B

Same Dimension

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



0072A4



0095D6



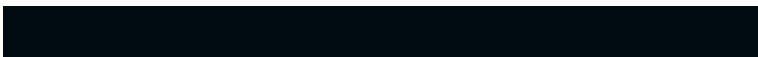
0021A4



494F52



006591



000C12

Inverse Universe

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



A40072



D60095



A48300



52494F



910065



12000C

Previews

White Background



This preview shows how the Hex color 0072A4 looks on a white background.

Color Contrast Check

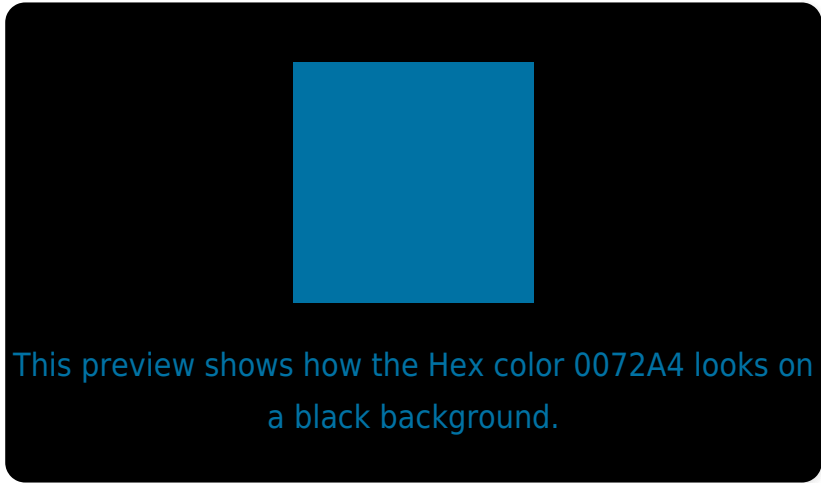
Large Text (above 18pt) WCAG AA ✓ Pass

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

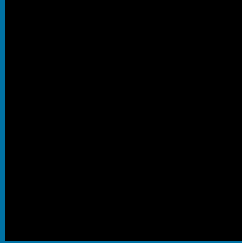
Any Text WCAG AA × Fail

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 0072A4 Background



This preview shows how black text looks on a background with the Hex color 0072A4.

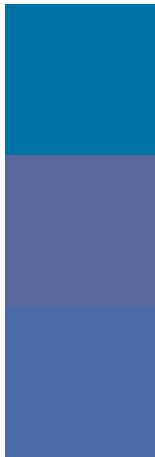


This preview shows how white text looks on a background with the Hex color 0072A4.

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



Original Color
0072A4

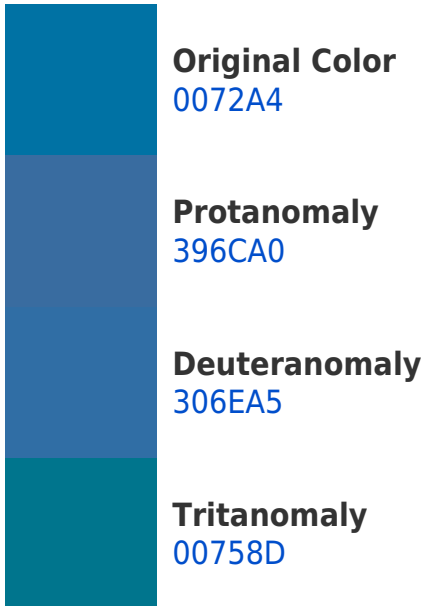
Protanopia
5A699D

Deuteranopia
4C6BA6

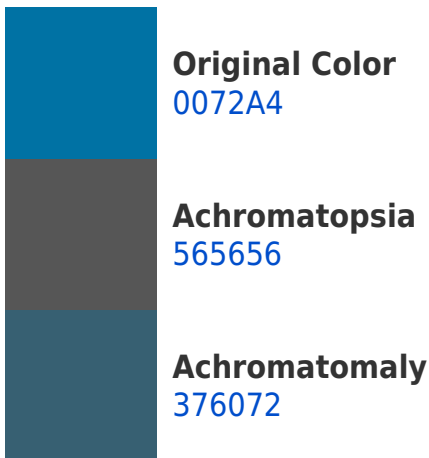


Tritanopia
007780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0072A4 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 #0072A4 looks like.

```
.text, #text, p{  
    color:#0072A4  
}
```

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 #0072A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0072A4
}
```

Border

The CSS property to change the border of an element to Hex 0072A4 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
#0072A4 }
```

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

```
.border{ border-color:#0072A4 }
```

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

Here you see how a box with a 4 pixel #0072A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0072A4; -webkit-box-shadow:4px 4px  
4px 4px #0072A4; box-shadow:4px 4px 4px  
4px #0072A4 }
```

Background

The CSS property to change the background color of an element to Hex 0072A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0072A4 }
```

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

```
.background{ background-color:#0072A4 }
```

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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