

Converting Colors

Hex(0080C4)

Have a look what the booklet for
Hex(0080C4) contains.

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Color

Hex(0080C4)

Conversions

Conversions Part 1

Format	Color
Hex	0080C4
RGB	0, 128, 196
RGB Percent	0%, 50%, 77%
CMY	1.0000, 0.4980, 0.2314
CMYK	1.00, 0.35, 0.00, 0.23
HSL	201°, 100%, 38%
HSV	201°, 100%, 77%
XYZ	17.6830, 19.4239, 55.0417
YIQ	97.4800, -98.1160, -5.9880

Conversions

Conversions Part 2

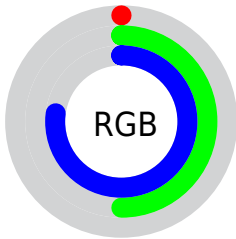
Format	Color
RYB	0, 77, 196
Decimal	32964
CIELab	51.18, -4.13, -43.49
CIELCh	51, 43.690, 264.575
Yxy	19.4239, 0.1919, 0.2108
Android (android.graphics.Color)	4278223044 (0xFF0080C4)
YUV	97.4800, 48.5704, -85.4900
Hunter-Lab	44.0725, -5.5083, -43.1960

Details

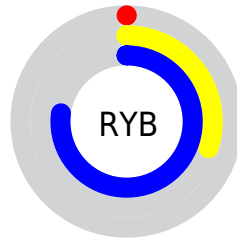
The Hex color **0080C4** is a dark color, and the websafe version is hex **006699**. The color can be described as dark washed azure. A complement of this color would be **C44400**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **61B4FD**, and **004F8E** is the 20% darker color. If you saturate the color by 10%, you get **0080C4**, and if you desaturate by 10%, it is **1487C4**.

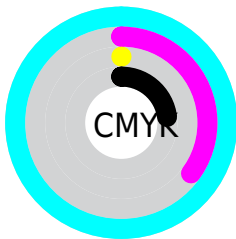
Distribution



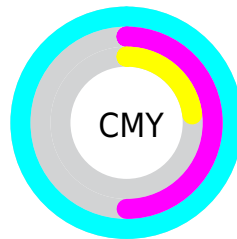
- Red (0%)
- Green (50%)
- Blue (77%)



- Red (0%)
- Yellow (30%)
- Blue (77%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (23%)


















- Cyan (100%)
- Magenta (50%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0080C4 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 0080C4 by changing the saturation by 10% instead.

 0080C4	 0080C4
 FFFFFFFF	 0067A9
 61B4FD	 004F8E
 80D0FF	 003974
 9FECFF	 00245B
 BDFFFF	 000E43
 DBFFFF	 00032C
 FAFFFF	 000116
	 000000

 0080C4

 1487C4

 278EC4

 3B94C4

 4E9BC4

 62A2C4

 76A9C4

 89B0C4

 9DB6C4

 B0BDC4

Harmonies

Analogous

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



0088B6



0080C4



7173BE

Triad

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



0080C4



BF5C5D



42884D

Complementary

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



0080C4



C44400

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.



718132



0080C4



B0683E

Square

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



0080C4



BB5A82



95762C



008C72

Rectangle

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



0080C4



9469AF



95762C



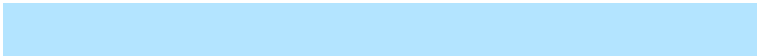
548642

Sweetspot

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



0080C4



B3E4FF



00C441



527080



000000



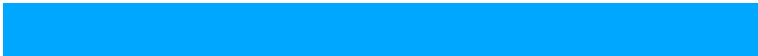
808080

Same Dimension

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



0080C4



00A7FF



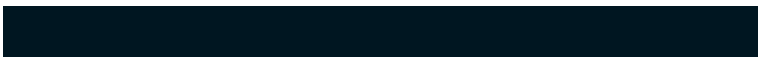
0021C4



575E61



0069A1



001621

Inverse Universe

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



C40080



FF00A7



C4A300



61575E



A10069



210016

Previews

White Background



This preview shows how the Hex color 0080C4 looks on a white background.

Color Contrast Check

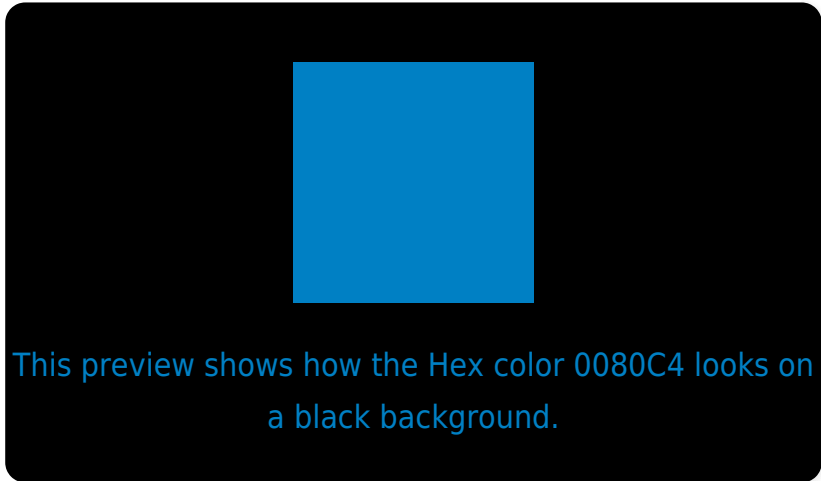
Large Text (above 18pt) WCAG AA ✓ Pass

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 0080C4 Background



This preview shows how black text looks on a background with the Hex color 0080C4.



This preview shows how white text looks on a background with the Hex color 0080C4.

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](#).

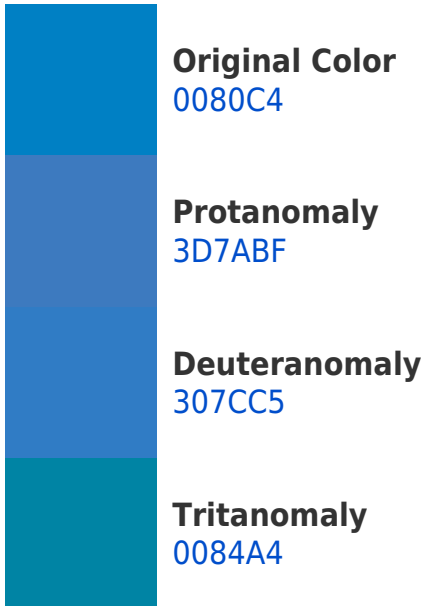
Dichromacy





Tritanopia
008791

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0080C4 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 #0080C4 looks like.

```
.text, #text, p{  
    color:#0080C4  
}
```

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 #0080C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0080C4
}
```

Border

The CSS property to change the border of an element to Hex 0080C4 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
#0080C4 }
```

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

```
.border{ border-color:#0080C4 }
```

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

Here you see how a box with a 4 pixel #0080C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0080C4; -webkit-box-shadow:4px 4px  
4px 4px #0080C4; box-shadow:4px 4px 4px  
4px #0080C4 }
```

Background

The CSS property to change the background color of an element to Hex 0080C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0080C4 }
```

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

```
.background{ background-color:#0080C4 }
```

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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