

# Converting Colors

Hex(0481C2)

Have a look what the booklet for  
Hex(0481C2) contains.

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**Color**

**Hex(0481C2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0481C2
RGB	4, 129, 194
RGB Percent	2%, 51%, 76%
CMY	0.9843, 0.4941, 0.2392
CMYK	0.98, 0.34, 0.00, 0.24
HSL	201°, 96%, 39%
HSV	201°, 98%, 76%
XYZ	17.6379, 19.6214, 53.8966
YIQ	99.0350, -95.3650, -6.2850

# Conversions

## Conversions Part 2

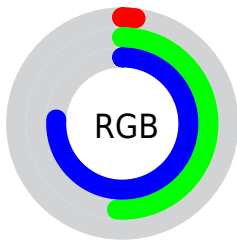
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 79, 194
Decimal	295362
CIELab	51.41, -5.35, -41.99
CIELCh	51, 42.330, 262.738
Yxy	19.6214, 0.1935, 0.2153
Android (android.graphics.Color)	4278485442 (0xFF0481C2)
YUV	99.0350, 46.8177, -83.3457
Hunter-Lab	44.2960, -6.4423, -41.1332

# Details

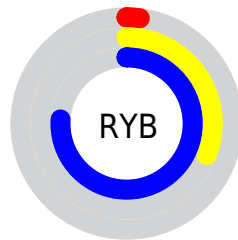
The Hex color **0481C2** is a dark color, and the websafe version is hex **006699**. The color can be described as dark washed azure. A complement of this color would be **C24504**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **61B6FB**, and **00508C** is the 20% darker color. If you saturate the color by 10%, you get **0080C2**, and if you desaturate by 10%, it is **1788C2**.

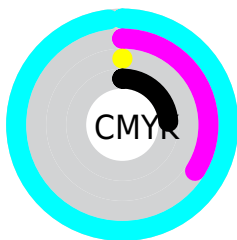
# Distribution



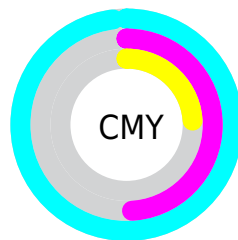
- Red (2%)
- Green (51%)
- Blue (76%)



- Red (2%)
- Yellow (31%)
- Blue (76%)



- Cyan (98%)
- Magenta (34%)
- Yellow (0%)
- Black (24%)



- Cyan (98%)
- Magenta (49%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0481C2 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 0481C2 by changing the saturation by 10% instead.



■ 0481C2

■ 0481C2

FFFFFF

■ 0068A7

■ 61B6FB

■ 00508C

■ 80D1FF

■ 003A72

■ 9FEDFF

■ 002559

■ BDFFFF

■ 000F41

■ DBFFFF

■ 00032A

■ FAFFFF

■ 000115

■ 000000

■ 0481C2

■ 0481C2

■ 0080C2

■ 1788C2

■ 2B8EC2

■ 3E95C2

■ 529CC2

■ 65A2C2

■ 78A9C2

■ 8CAFC2

■ 9FB6C2

■ B3BDC2

# Harmonies

## Analogous

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



0089B3



0481C2



6E74BD

# Triad

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



0481C2



BE5D61



48884D

# Complementary

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



0481C2



C24504

# 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.



748134



0481C2



B16842

# Square

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



0481C2



B95C85



977530



008C70

# Rectangle

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



0481C2



916BB0



977530



598643



# Sweetspot

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



0481C2



B3E3FC



04C243



537080



000000



808080



# Same Dimension

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



0481C2



00A6FC



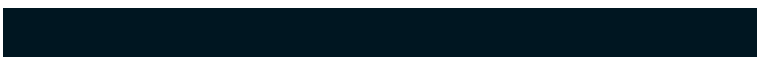
0424C2



575E61



006AA1



001621



# Inverse Universe

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



C20481



FC00A6



C2A204



61575E



A1006A



210016



# Previews

## White Background



This preview shows how the Hex color 0481C2 looks on a white background.

## Color Contrast Check

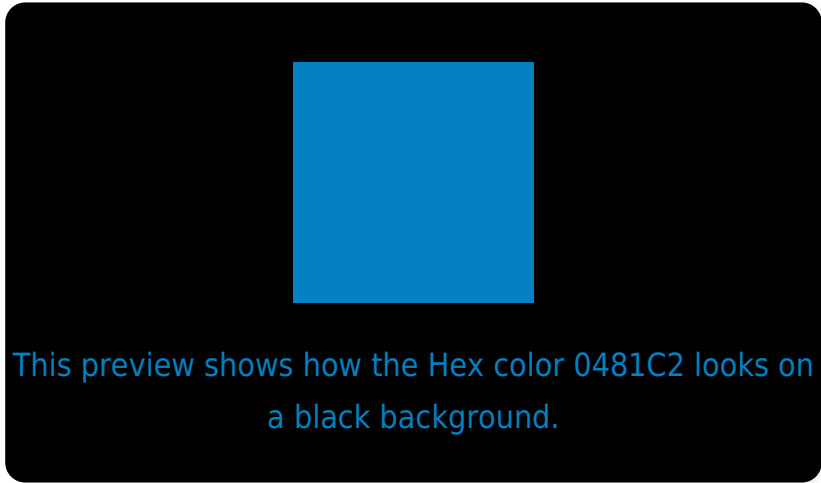
Large Text (above 18pt) WCAG AA ✓ Pass

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

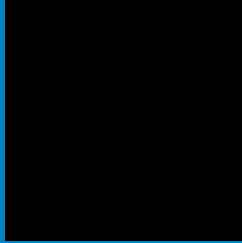
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0481C2 Background



This preview shows how black text looks on a background with the Hex color 0481C2.

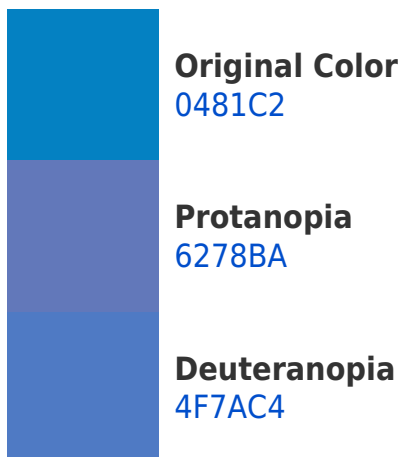


This preview shows how white text looks on a background with the Hex color 0481C2.

# 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](#).

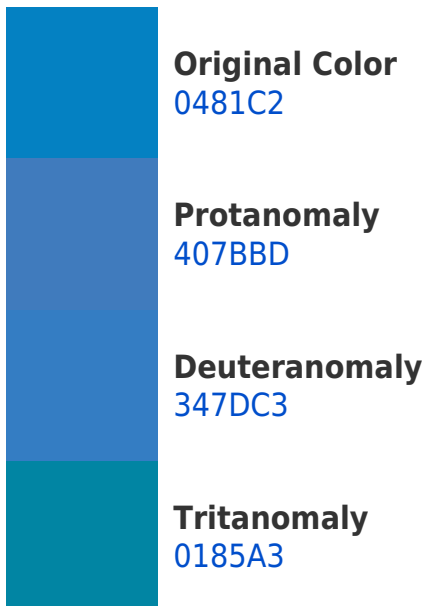
## Dichromacy



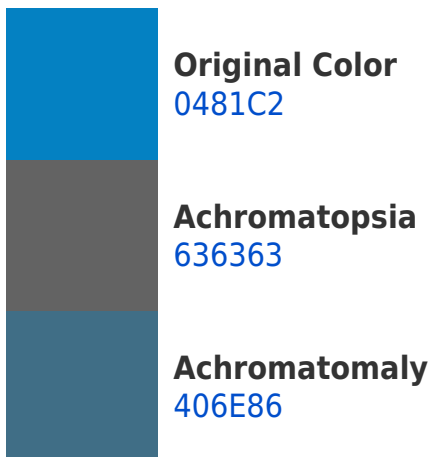


**Tritanopia**  
008891

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0481C2 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 #0481C2 looks like.

```
.text, #text, p{  
    color:#0481C2  
}
```

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 #0481C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0481C2
}
```

## Border

The CSS property to change the border of an element to Hex 0481C2 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
#0481C2 }
```

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

```
.border{ border-color:#0481C2 }
```

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

Here you see how a box with a 4 pixel #0481C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0481C2; -webkit-box-shadow:4px 4px  
4px 4px #0481C2; box-shadow:4px 4px 4px  
4px #0481C2 }
```

# Background

The CSS property to change the background color of an element to Hex 0481C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0481C2 }
```

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

```
.background{ background-color:#0481C2 }
```

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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