

Converting Colors

Hex(0449C2)

Have a look what the booklet for
Hex(0449C2) contains.

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Color

Hex(0449C2)

Conversions

Conversions Part 1

Format	Color
Hex	0449C2
RGB	4, 73, 194
RGB Percent	2%, 29%, 76%
CMY	0.9843, 0.7137, 0.2392
CMYK	0.98, 0.62, 0.00, 0.24
HSL	218°, 96%, 39%
HSV	218°, 98%, 76%
XYZ	12.1702, 8.6859, 52.0740
YIQ	66.1630, -79.9650, 23.0030

Conversions

Conversions Part 2

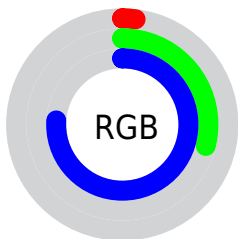
Format	Color
RYB	4, 55, 194
Decimal	281026
CIELab	35.37, 30.58, -67.83
CIELCh	35, 74.406, 294.267
Yxy	8.6859, 0.1669, 0.1191
Android (android.graphics.Color)	4278471106 (0xFF0449C2)
YUV	66.1630, 63.0236, -54.5170
Hunter-Lab	29.4719, 22.1344, -84.1294

Details

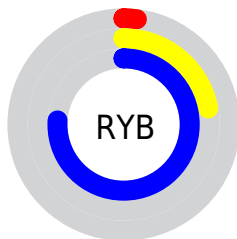
The Hex color **0449C2** is a dark color, and the websafe version is hex **003399**. The color can be described as dark washed blue. A complement of this color would be **C27D04**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **6279FC**, and **001F8B** is the 20% darker color. If you saturate the color by 10%, you get **0046C2**, and if you desaturate by 10%, it is **1755C2**.

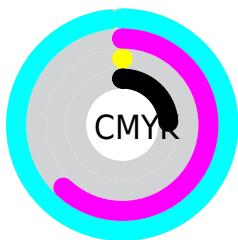
Distribution



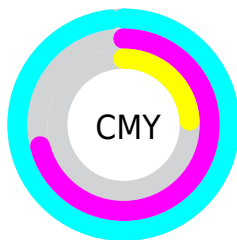
- Red (2%)
- Green (29%)
- Blue (76%)



- Red (2%)
- Yellow (22%)
- Blue (76%)



- Cyan (98%)
- Magenta (62%)
- Yellow (0%)
- Black (24%)



- Cyan (98%)
- Magenta (71%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0449C2 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 0449C2 by changing the saturation by 10% instead.

0449C2

0449C2

FFFFFF

0033A6

6279FC

001F8B

8293FF

000D71

A1ADFF

000457

BFC8FF

00063F

DEE4FF

000328

FDFFFF

000112

000000

0449C2

0449C2

■ 0046C2

■ 1755C2

■ 2B62C2

■ 3E6EC2

■ 527AC2

■ 6587C2

■ 7893C2

■ 8C9FC2

■ 9FACC2

■ B3B8C2

Harmonies

Analogous

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



005FCC



0449C2



8C1B9A

Triad

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



0449C2



9A2D00



006946

Complementary

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



0449C2



C27D04

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.



006600



0449C2



704D00

Square

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



0449C2



B30027



375E00



006B83

Rectangle

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



0449C2



A90075



375E00



006930

Sweetspot

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



0449C2



B3CEFC



04C27C



536380



000000



808080

Same Dimension

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



0449C2



005CFC



1D04C2



575B61



003AA1



000C21

Inverse Universe

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



C20449



FC005C



A9C204



61575B



A1003A



21000C

Previews

White Background



This preview shows how the Hex color 0449C2 looks on a white background.

Color Contrast Check

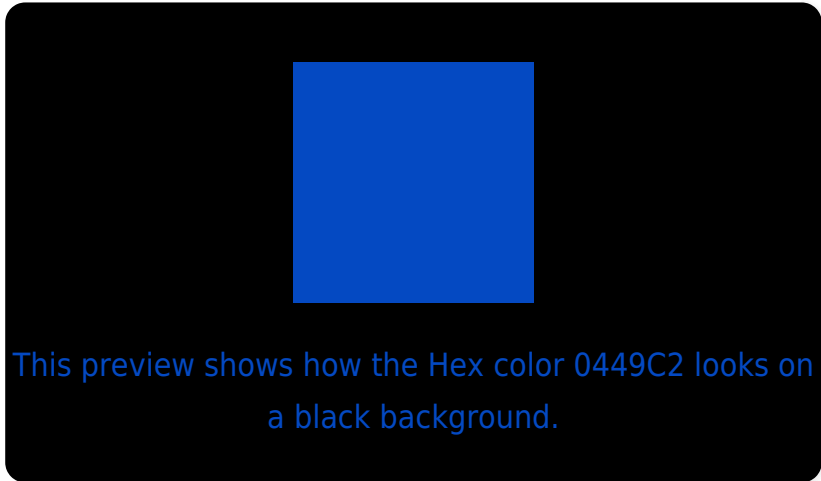
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

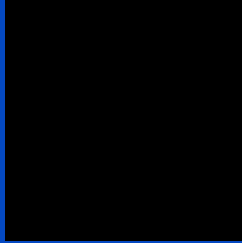
Any Text WCAG AA × Fail

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 0449C2 Background



This preview shows how black text looks on a background with the Hex color 0449C2.



This preview shows how white text looks on a background with the Hex color 0449C2.

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
0449C2

Protanopia
0050A9

Deuteranopia
005591



Tritanopia
005C62

Trichromacy



Original Color
0449C2

Protanomaly
014DB2

Deuteranomaly
0151A3

Tritanomaly
015585

Monochromacy



Original Color
0449C2

Achromatopsia
424242

Achromatomaly
2B4571

CSS Examples

Text

The CSS property to change the color of the text to Hex 0449C2 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 #0449C2 looks like.

```
.text, #text, p{  
    color:#0449C2  
}
```

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 #0449C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0449C2
}
```

Border

The CSS property to change the border of an element to Hex 0449C2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

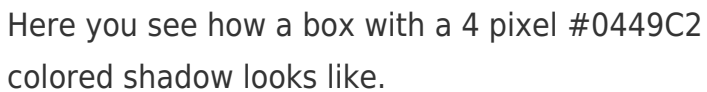
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0449C2 }
```

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

```
.border{ border-color:#0449C2 }
```

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



Here you see how a box with a 4 pixel #0449C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0449C2; -webkit-box-shadow:4px 4px  
4px 4px #0449C2; box-shadow:4px 4px 4px  
4px #0449C2 }
```

Background

The CSS property to change the background color of an element to Hex 0449C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0449C2 }
```

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

```
.background{ background-color:#0449C2 }
```

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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