

Converting Colors

Hex(0429C6)

Have a look what the booklet for
Hex(0429C6) contains.

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Color

Hex(0429C6)

Conversions

Conversions Part 1

Format	Color
Hex	0429C6
RGB	4, 41, 198
RGB Percent	2%, 16%, 78%
CMY	0.9843, 0.8392, 0.2235
CMYK	0.98, 0.79, 0.00, 0.22
HSL	229°, 96%, 40%
HSV	229°, 98%, 78%
XYZ	11.0361, 5.6889, 53.9425
YIQ	47.8350, -72.4490, 40.9830

Conversions

Conversions Part 2

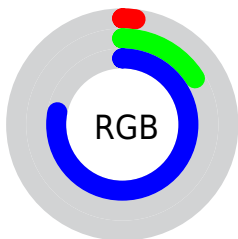
Format	Color
R _Y B	4, 35, 198
Decimal	272838
CIE Lab	28.61, 51.63, -81.33
CIE LCh	29, 96.336, 302.406
Yxy	5.6889, 0.1562, 0.0805
Android (android.graphics.Color)	4278462918 (0xFF0429C6)
YUV	47.8350, 74.0313, -38.4433
Hunter-Lab	23.8514, 40.8519, -117.3945

Details

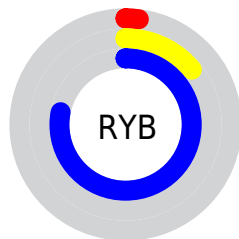
The Hex color **0429C6** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **C6A104**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **6759FF**, and **00008E** is the 20% darker color. If you saturate the color by 10%, you get **0026C6**, and if you desaturate by 10%, it is **1839C6**.

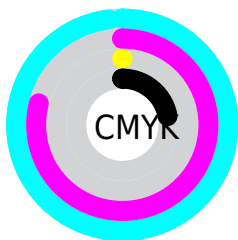
Distribution



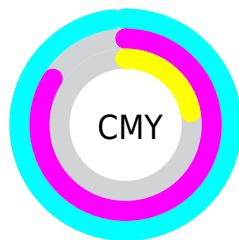
- Red (2%)
- Green (16%)
- Blue (78%)



- Red (2%)
- Yellow (14%)
- Blue (78%)



- Cyan (98%)
- Magenta (79%)
- Yellow (0%)
- Black (22%)



- Cyan (98%)
- Magenta (84%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0429C6 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 0429C6 by changing the saturation by 10% instead.

 0429C6

 0429C6

FFFFFF

 0012AA

 6759FF

 00008E

 8772FF

 000074

 A78CFF

 000B5A

 C6A7FF

 000742

 E5C2FF

 00032B

 FFDFFF

 000115

 FFFBFF

 000000

 0429C6

 0429C6

■ 0026C6

■ 1839C6

■ 2C49C6

■ 3F59C6

■ 5369C6

■ 6779C6

■ 7B89C6

■ 8F99C6

■ A2A9C6

■ B6B9C6

Harmonies

Analogous

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



0050DF



0429C6



99008A

Triad

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



0429C6



861700



005A48

Complementary

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



0429C6



C6A104

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.



005800



0429C6



4E4400

Square

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



0429C6



AD0000



005300



005D94

Rectangle

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



0429C6



B3005A



005300



005A2E

Sweetspot

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



0429C6



B5C3FF



04C69F



535B80



000000



808080

Same Dimension

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



0429C6



0031FF



3E04C6



5A5B63



001FA3



000724

Inverse Universe

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



C60429



FF0031



8CC604



635A5B



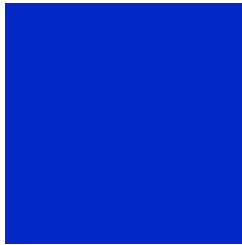
A3001F



240007

Previews

White Background



This preview shows how the Hex color 0429C6 looks on a white background.

Color Contrast Check

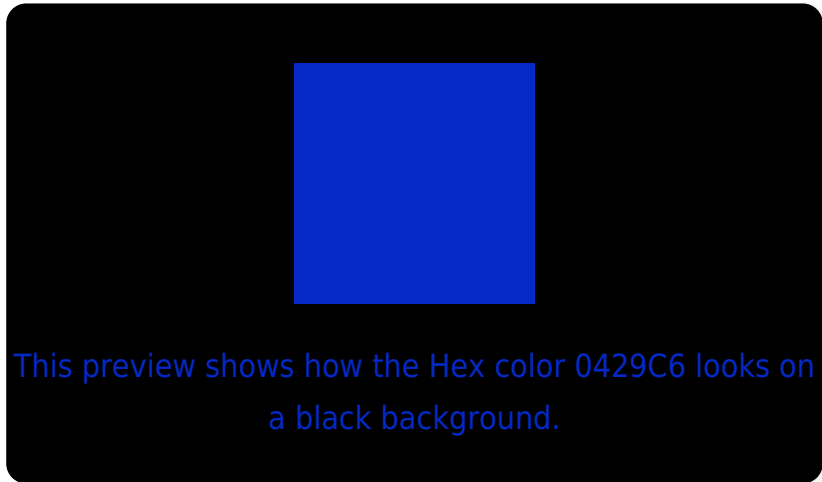
Large Text (above 18pt) WCAG AA ✓ Pass

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

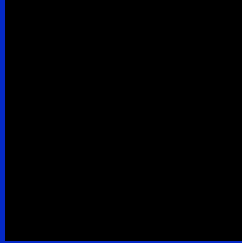
Any Text WCAG AA × Fail

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 0429C6 Background



This preview shows how black text looks on a background with the Hex color 0429C6.



This preview shows how white text looks on a background with the Hex color 0429C6.

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
0429C6

Protanopia
004189

Deuteranopia
004675



Tritanopia
004B4F

Trichromacy



Original Color
0429C6

Protanomaly
01389F

Deuteranomaly
013B92

Tritanomaly
013F7A

Monochromacy



Original Color
0429C6

Achromatopsia
303030

Achromatomaly
202D67

CSS Examples

Text

The CSS property to change the color of the text to Hex 0429C6 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 #0429C6 looks like.

```
.text, #text, p{  
    color:#0429C6  
}
```

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 #0429C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0429C6
}
```

Border

The CSS property to change the border of an element to Hex 0429C6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

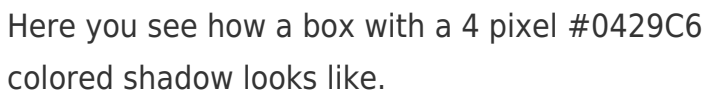
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0429C6 }
```

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

```
.border{ border-color:#0429C6 }
```

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



Here you see how a box with a 4 pixel #0429C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0429C6; -webkit-box-shadow:4px 4px  
4px 4px #0429C6; box-shadow:4px 4px 4px  
4px #0429C6 }
```

Background

The CSS property to change the background color of an element to Hex 0429C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0429C6 }
```

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

```
.background{ background-color:#0429C6 }
```

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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