

Converting Colors

Hex(0442C5)

Have a look what the booklet for
Hex(0442C5) contains.

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Color

Hex(0442C5)

Conversions

Conversions Part 1

Format	Color
Hex	0442C5
RGB	4, 66, 197
RGB Percent	2%, 26%, 77%
CMY	0.9843, 0.7412, 0.2275
CMYK	0.98, 0.66, 0.00, 0.23
HSL	221°, 96%, 39%
HSV	221°, 98%, 77%
XYZ	12.0763, 7.9535, 53.7220
YIQ	62.3960, -79.0030, 27.5970

Conversions

Conversions Part 2

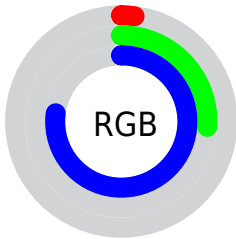
Format	Color
RYB	4, 51, 197
Decimal	279237
CIELab	33.89, 36.34, -72.03
CIElCh	34, 80.675, 296.771
Yxy	7.9535, 0.1637, 0.1078
Android (android.graphics.Color)	4278469317 (0xFF0442C5)
YUV	62.3960, 66.3598, -51.2133
Hunter-Lab	28.2019, 27.0822, -93.2007

Details

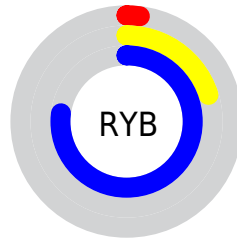
The Hex color **0442C5** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **C58704**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **6472FF**, and **00198E** is the 20% darker color. If you saturate the color by 10%, you get **003FC5**, and if you desaturate by 10%, it is **184FC5**.

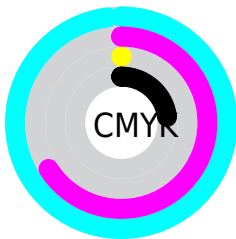
Distribution



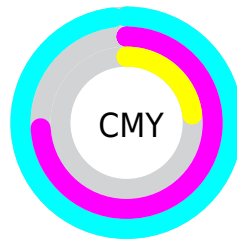
- Red (2%)
- Green (26%)
- Blue (77%)



- Red (2%)
- Yellow (20%)
- Blue (77%)



- Cyan (98%)
- Magenta (66%)
- Yellow (0%)
- Black (23%)



- Cyan (98%)
- Magenta (74%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0442C5 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 0442C5 by changing the saturation by 10% instead.

 0442C5

 0442C5

FFFFFF

 002CA9

 6472FF

 00198E

 848BFF

 000573

 A3A5FF

 00055A

 C2C0FF

 000741

 E0DCFF

 00032A

 FFF9FF

 000114

 000000

 0442C5

 0442C5

■ 003FC5

■ 184FC5

■ 2B5DC5

■ 3F6AC5

■ 5377C5

■ 6785C5

■ 7A92C5

■ 8EA0C5

■ A2ADC5

■ B5BAC5

Harmonies

Analogous

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



005CD3



0442C5



910097

Triad

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



0442C5



962800



006747

Complementary

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



0442C5



C58704

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.



006300



0442C5



684B00

Square

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



0442C5



B3001C



255C00



006889

Rectangle

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



0442C5



AE006F



255C00



006630

Sweetspot

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



0442C5



B5CDFF



04C585



536180



000000



808080

Same Dimension

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



0442C5



0052FF



2404C5



5A5D63



0034A3



000B24

Inverse Universe

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



C50442



FF0052



A5C504



635A5D



A30034



24000B

Previews

White Background



This preview shows how the Hex color 0442C5 looks on a white background.

Color Contrast Check

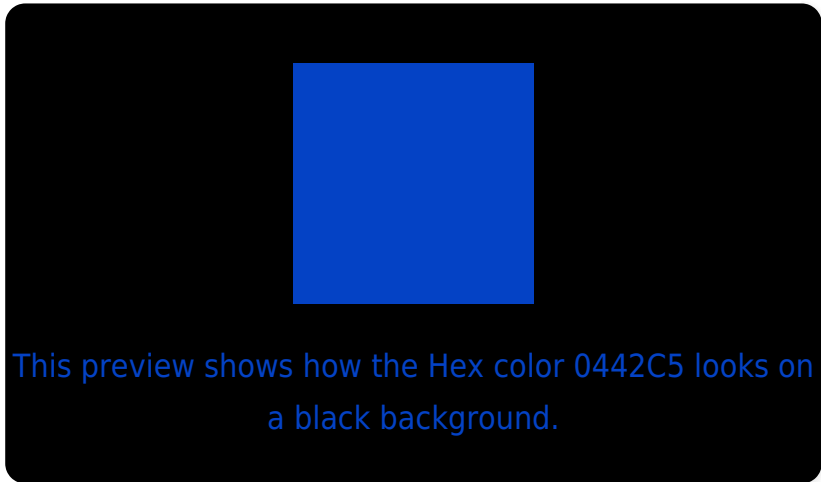
Large Text (above 18pt) WCAG AA ✓ Pass

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

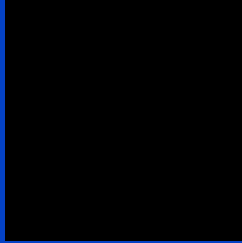
Any Text WCAG AA × Fail

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 0442C5 Background



This preview shows how black text looks on a background with the Hex color 0442C5.




This preview shows how white text looks on a background with the Hex color 0442C5.

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
00585D

Trichromacy



Original Color
0442C5

Protanomaly
0149AF

Deuteranomaly
014C9F

Tritanomaly
015083

Monochromacy



Original Color
0442C5

Achromatopsia
3E3E3E

Achromatomaly
293F6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0442C5 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 #0442C5 looks like.

```
.text, #text, p{  
    color:#0442C5  
}
```

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 #0442C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0442C5
}
```

Border

The CSS property to change the border of an element to Hex 0442C5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

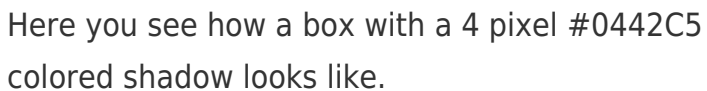
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0442C5 }
```

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

```
.border{ border-color:#0442C5 }
```

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



Here you see how a box with a 4 pixel #0442C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0442C5; -webkit-box-shadow:4px 4px  
4px 4px #0442C5; box-shadow:4px 4px 4px  
4px #0442C5 }
```

Background

The CSS property to change the background color of an element to Hex 0442C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0442C5 }
```

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

```
.background{ background-color:#0442C5 }
```

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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