

Converting Colors

Hex(0042C7)

Have a look what the booklet for
Hex(0042C7) contains.

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Color

Hex(0042C7)

Conversions

Conversions Part 1

Format	Color
Hex	0042C7
RGB	0, 66, 199
RGB Percent	0%, 26%, 78%
CMY	1.0000, 0.7412, 0.2196
CMYK	1.00, 0.67, 0.00, 0.22
HSL	220°, 100%, 39%
HSV	220°, 100%, 78%
XYZ	12.2570, 8.0200, 54.9348
YIQ	61.4280, -82.0290, 27.3710

Conversions

Conversions Part 2

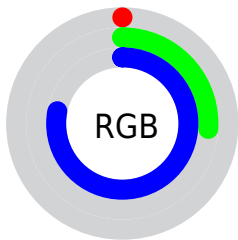
Format	Color
RYB	0, 50, 199
Decimal	17095
CIELab	34.02, 36.99, -72.97
CIELCh	34, 81.809, 296.881
Yxy	8.0200, 0.1630, 0.1066
Android (android.graphics.Color)	4278207175 (0xFF0042C7)
YUV	61.4280, 67.8230, -53.8724
Hunter-Lab	28.3195, 27.6977, -95.1884

Details

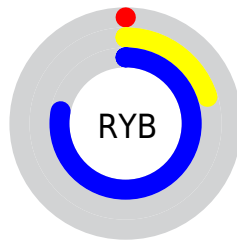
The Hex color **0042C7** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **C78500**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **6472FF**, and **001990** is the 20% darker color. If you saturate the color by 10%, you get **0042C7**, and if you desaturate by 10%, it is **144FC7**.

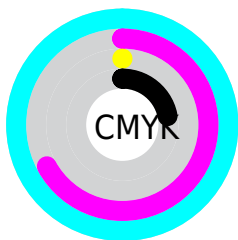
Distribution



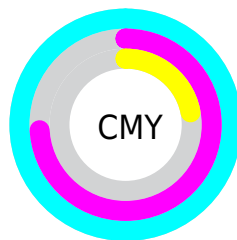
- Red (0%)
- Green (26%)
- Blue (78%)



- Red (0%)
- Yellow (20%)
- Blue (78%)



- Cyan (100%)
- Magenta (67%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (74%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0042C7 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 0042C7 by changing the saturation by 10% instead.

■ 0042C7

■ 0042C7

FFFFFF

■ 002CAB

■ 6472FF

■ 001990

■ 848BFF

■ 000575

■ A3A5FF

■ 00055C

■ C2C1FF

■ 000743

■ E1DCFF

■ 00032C

■ FFF9FF

■ 000116

■ 000000

■ 0042C7

 144FC7

 285DC7

 3C6AC7

 5077C7

 6484C7

 7792C7

 8B9FC7

 9FACC7

 B3BAC7

Harmonies

Analogous

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



005CD6



0042C7



930099

Triad

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



0042C7



972700



006747

Complementary

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



0042C7



C78500

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.



006400



0042C7



684C00

Square

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



0042C7



B5001B



235D00



00688A

Rectangle

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



0042C7



B0006F



235D00



006630

Sweetspot

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



0042C7



B3CCFF



00C785



526180



000000



808080

Same Dimension

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



0042C7



0055FF



2100C7



5A5D63



0036A3



000C24

Inverse Universe

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



C70042



FF0055



A6C700



635A5D



A30036



24000C

Previews

White Background



This preview shows how the Hex color 0042C7 looks on a white background.

Color Contrast Check

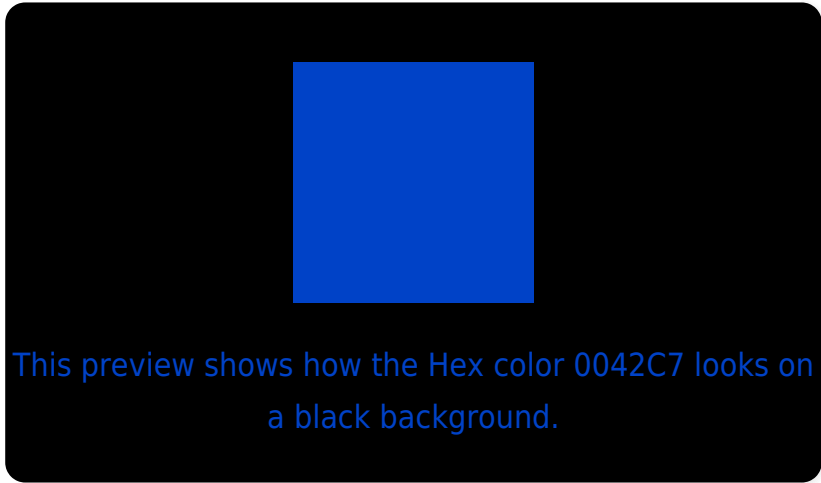
Large Text (above 18pt) WCAG AA ✓ Pass

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

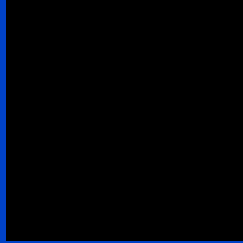
Any Text WCAG AA × Fail

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 0042C7 Background



This preview shows how black text looks on a background with the Hex color 0042C7.



This preview shows how white text looks on a background with the Hex color 0042C7.

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
0042C7

Protanopia
004DA3

Deuteranopia
00528B

Trichromacy



Original Color
0042C7

Protanomaly
0049B0

Deuteranomaly
004CA1

Tritanomaly
005184

Monochromacy



Original Color
0042C7

Achromatopsia
3D3D3D

Achromatomaly
273F6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0042C7 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 #0042C7 looks like.

```
.text, #text, p{  
    color:#0042C7  
}
```

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 #0042C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0042C7
}
```

Border

The CSS property to change the border of an element to Hex 0042C7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

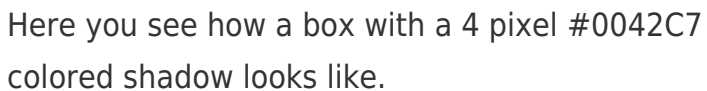
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0042C7 }
```

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

```
.border{ border-color:#0042C7 }
```

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



Here you see how a box with a 4 pixel #0042C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0042C7; -webkit-box-shadow:4px 4px  
4px 4px #0042C7; box-shadow:4px 4px 4px  
4px #0042C7 }
```

Background

The CSS property to change the background color of an element to Hex 0042C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0042C7 }
```

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

```
.background{ background-color:#0042C7 }
```

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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