

Converting Colors

Hex(0842C4)

Have a look what the booklet for
Hex(0842C4) contains.

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Color

Hex(0842C4)

Conversions

Conversions Part 1

Format	Color
Hex	0842C4
RGB	8, 66, 196
RGB Percent	3%, 26%, 77%
CMY	0.9686, 0.7412, 0.2314
CMYK	0.96, 0.66, 0.00, 0.23
HSL	221°, 92%, 40%
HSV	221°, 96%, 77%
XYZ	12.0122, 7.9336, 53.1228
YIQ	63.4780, -76.2980, 28.1340

Conversions

Conversions Part 2

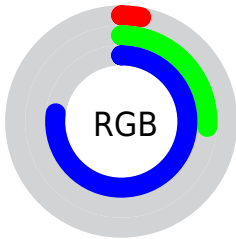
Format	Color
R_{YB}	8, 52, 196
Decimal	541380
CIE _{Lab}	33.84, 36.07, -71.51
CIE _{LCh}	34, 80.093, 296.768
Yxy	7.9336, 0.1644, 0.1086
Android (android.graphics.Color)	4278731460 (0xFF0842C4)
YUV	63.4780, 65.3333, -48.6542
Hunter-Lab	28.1666, 26.8330, -92.1055

Details

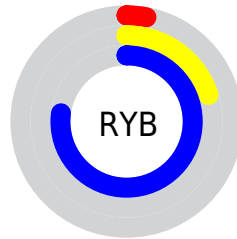
The Hex color **0842C4** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **C48A08**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **6472FE**, and **00198D** is the 20% darker color. If you saturate the color by 10%, you get **003CC4**, and if you desaturate by 10%, it is **1C50C4**.

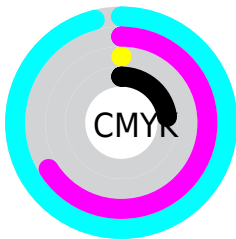
Distribution



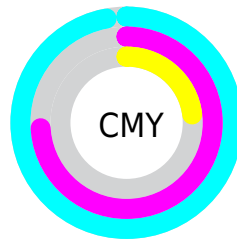
- Red (3%)
- Green (26%)
- Blue (77%)



- Red (3%)
- Yellow (20%)
- Blue (77%)



- Cyan (96%)
- Magenta (66%)
- Yellow (0%)
- Black (23%)



- Cyan (97%)
- Magenta (74%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0842C4 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 0842C4 by changing the saturation by 10% instead.

■ 0842C4

■ 0842C4

FFFFFF

■ 002CA8

■ 6472FE

■ 00198D

■ 848BFF

■ 000573

■ A3A5FF

■ 000559

■ C2C1FF

■ 000740

■ E1DCFF

■ 000329

■ FFF9FF

■ 000114

■ 000000

■ 0842C4

■ 0842C4

■ 003CC4

■ 1C50C4

■ 2F5DC4

■ 436BC4

■ 5678C4

■ 6A86C4

■ 7E93C4

■ 91A1C4

■ A5AEC4

■ B8BCC4

Harmonies

Analogous

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



005CD2



0842C4



910097

Triad

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



0842C4



962800



006647

Complementary

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



0842C4



C48A08

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



0842C4



684B00

Square

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



0842C4



B3001C



255C00



006888

Rectangle

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



0842C4



AD006F



255C00



006630

Sweetspot

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



0842C4



B5CCFF



08C488



536180



000000



808080

Same Dimension

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



0842C4



004FFF



2A08C4



575A61



0032A1



000A21

Inverse Universe

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



C40842



FF004F



A2C408



61575A



A10032



21000A

Previews

White Background



This preview shows how the Hex color 0842C4 looks on a white background.

Color Contrast Check

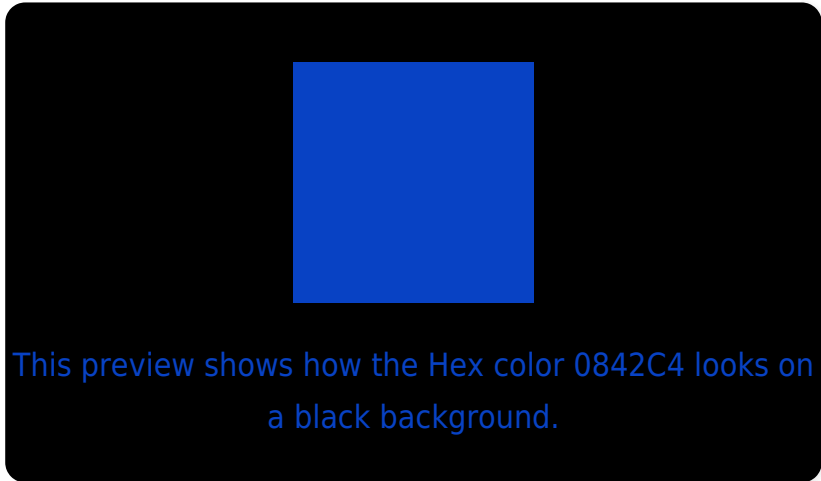
Large Text (above 18pt) WCAG AA ✓ Pass

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

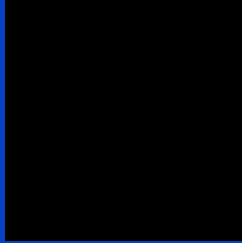
Any Text WCAG AA × Fail

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 0842C4 Background



This preview shows how black text looks on a background with the Hex color 0842C4.



This preview shows how white text looks on a background with the Hex color 0842C4.

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
0842C4

Protanopia
004DA2

Deuteranopia
00528A

Trichromacy



Original Color
0842C4

Protanomaly
0349AE

Deuteranomaly
034C9F

Tritanomaly
035082

Monochromacy



Original Color
0842C4

Achromatopsia
3F3F3F

Achromatomaly
2B406F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0842C4 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 #0842C4 looks like.

```
.text, #text, p{  
    color:#0842C4  
}
```

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 #0842C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0842C4
}
```

Border

The CSS property to change the border of an element to Hex 0842C4 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
#0842C4 }
```

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

```
.border{ border-color:#0842C4 }
```

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

Here you see how a box with a 4 pixel #0842C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0842C4; -webkit-box-shadow:4px 4px  
4px 4px #0842C4; box-shadow:4px 4px 4px  
4px #0842C4 }
```

Background

The CSS property to change the background color of an element to Hex 0842C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0842C4 }
```

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

```
.background{ background-color:#0842C4 }
```

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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