

Converting Colors

Hex(042CA4)

Have a look what the booklet for
Hex(042CA4) contains.

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Color

Hex(042CA4)

Conversions

Conversions Part 1

Format	Color
Hex	042CA4
RGB	4, 44, 164
RGB Percent	2%, 17%, 64%
CMY	0.9843, 0.8275, 0.3569
CMYK	0.98, 0.73, 0.00, 0.36
HSL	225°, 95%, 33%
HSV	225°, 98%, 64%
XYZ	7.6516, 4.5075, 35.5887
YIQ	45.7200, -62.3600, 28.8400

Conversions

Conversions Part 2

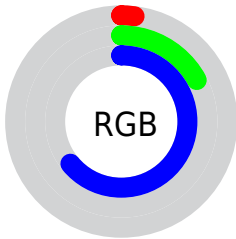
Format	Color
RYB	4, 36, 164
Decimal	273572
CIELab	25.28, 37.95, -66.59
CIELCh	25, 76.645, 299.679
Yxy	4.5075, 0.1603, 0.0944
Android (android.graphics.Color)	4278463652 (0xFF042CA4)
YUV	45.7200, 58.3120, -36.5884
Hunter-Lab	21.2309, 27.1771, -84.5244

Details

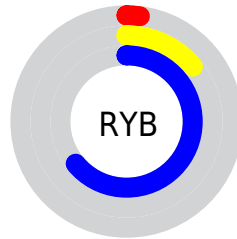
The Hex color **042CA4** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **A47C04**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **5C5ADC**, and **00046F** is the 20% darker color. If you saturate the color by 10%, you get **0029A4**, and if you desaturate by 10%, it is **1438A4**.

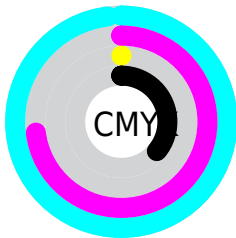
Distribution



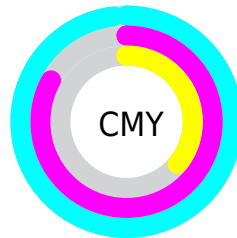
- Red (2%)
- Green (17%)
- Blue (64%)



- Red (2%)
- Yellow (14%)
- Blue (64%)



- Cyan (98%)
- Magenta (73%)
- Yellow (0%)
- Black (36%)



- Cyan (98%)
- Magenta (83%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 042CA4 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 042CA4 by changing the saturation by 10% instead.

■ 042CA4

■ 042CA4

FFFFFF

■ 001789

■ 5C5ADC

■ 00046F

■ 7A73F9

■ 000055

■ 988CFF

■ 00063D

■ B6A7FF

■ 000326

■ D4C2FF

■ 00010F

■ F2DEFF

■ 000000

■ FFFBFF

■ 042CA4

■ 042CA4

■ 0029A4

■ 1438A4

■ 2545A4

■ 3551A4

■ 465DA4

■ 566AA4

■ 6676A4

■ 7782A4

■ 878EA4

■ 989BA4

Harmonies

Analogous

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



0046B4



042CA4



7B0078

Triad

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



042CA4



761900



004F3A

Complementary

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



042CA4



A47C04

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.



004D00



042CA4



4B3A00

Square

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



042CA4



920004



004800



005175

Rectangle

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



042CA4



930053



004800



004F25

Sweetspot

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



042CA4



98A8D6



04A47C



464F6B



EBEBEB



6B6B6B

Same Dimension

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



042CA4



0036D6



2C04A4



494B52



002491



000412

Inverse Universe

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



A4042C



D60036



7CA404



52494B



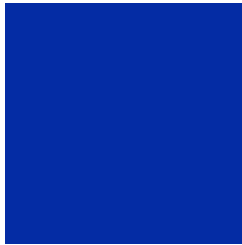
910024



120004

Previews

White Background



This preview shows how the Hex color 042CA4 looks on a white background.

Color Contrast Check

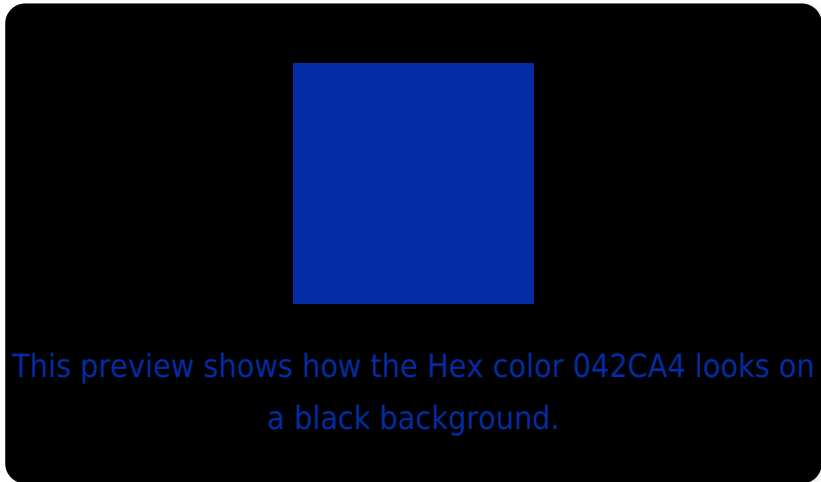
Large Text (above 18pt) WCAG AA ✓ Pass

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

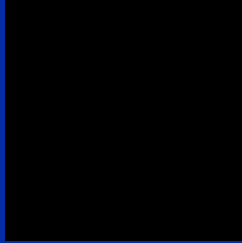
Any Text WCAG AA × Fail

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 042CA4 Background



This preview shows how black text looks on a background with the Hex color 042CA4.



This preview shows how white text looks on a background with the Hex color 042CA4.

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
042CA4

Protanopia
003A7B

Deuteranopia
003E68

Trichromacy



Original Color
042CA4

Protanomaly
01358A

Deuteranomaly
01377E

Tritanomaly
013B69

Monochromacy



Original Color
042CA4

Achromatopsia
2E2E2E

Achromatomaly
1F2D59

CSS Examples

Text

The CSS property to change the color of the text to Hex 042CA4 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 #042CA4 looks like.

```
.text, #text, p{  
    color:#042CA4  
}
```

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 #042CA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #042CA4
}
```

Border

The CSS property to change the border of an element to Hex 042CA4 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
#042CA4 }
```

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

```
.border{ border-color:#042CA4 }
```

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

Here you see how a box with a 4 pixel #042CA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #042CA4; -webkit-box-shadow:4px 4px  
4px 4px #042CA4; box-shadow:4px 4px 4px  
4px #042CA4 }
```

Background

The CSS property to change the background color of an element to Hex 042CA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#042CA4 }
```

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

```
.background{ background-color:#042CA4 }
```

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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