

Converting Colors

Hex(042BA0)

Have a look what the booklet for
Hex(042BA0) contains.

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Color

Hex(042BA0)

Conversions

Conversions Part 1

Format	Color
Hex	042BA0
RGB	4, 43, 160
RGB Percent	2%, 17%, 63%
CMY	0.9843, 0.8314, 0.3725
CMYK	0.98, 0.73, 0.00, 0.37
HSL	225°, 95%, 32%
HSV	225°, 98%, 63%
XYZ	7.2591, 4.2916, 33.7035
YIQ	44.6770, -60.8010, 28.1190

Conversions

Conversions Part 2

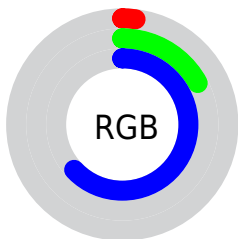
Format	Color
RYB	4, 35, 160
Decimal	273312
CIELab	24.61, 37.08, -65.27
CIELCh	25, 75.067, 299.603
Yxy	4.2916, 0.1604, 0.0948
Android (android.graphics.Color)	4278463392 (0xFF042BA0)
YUV	44.6770, 56.8542, -35.6737
Hunter-Lab	20.7163, 26.2941, -81.9581

Details

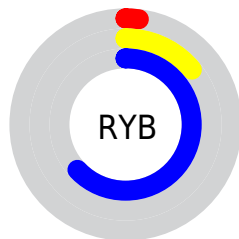
The Hex color **042BA0** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **A07904**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **5A59D8**, and **00026B** is the 20% darker color. If you saturate the color by 10%, you get **0028A0**, and if you desaturate by 10%, it is **1437A0**.

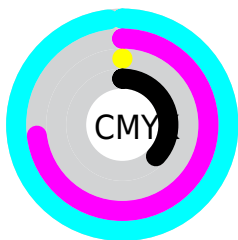
Distribution



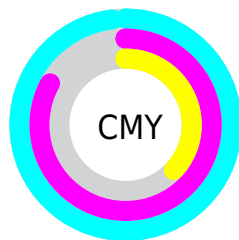
- Red (2%)
- Green (17%)
- Blue (63%)



- Red (2%)
- Yellow (14%)
- Blue (63%)



- Cyan (98%)
- Magenta (73%)
- Yellow (0%)
- Black (37%)



- Cyan (98%)
- Magenta (83%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 042BA0 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 042BA0 by changing the saturation by 10% instead.

■ 042BA0

■ 042BA0

FFFFFF

■ 001685

■ 5A59D8

■ 00026B

■ 7972F5

■ 000052

■ 968BFF

■ 00053A

■ B4A6FF

■ 000223

■ D2C1FF

■ 00000A

■ F0DDFF

■ 000000

■ FFF9FF

■ 042BA0

■ 042BA0

■ 0028A0

■ 1437A0

■ 2443A0

■ 344FA0

■ 445BA0

■ 5467A0

■ 6473A0

■ 747FA0

■ 848BA0

■ 9497A0

Harmonies

Analogous

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



0044B0



042BA0



780075

Triad

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



042BA0



731800



004D38

Complementary

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



042BA0



A07904

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.



004B00



042BA0



493900

Square

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



042BA0



8F0004



004600



004F72

Rectangle

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



042BA0



8F0051



004600



004D24

Sweetspot

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



042BA0



94A4D1



04A079



444D69



E8E8E8



696969

Same Dimension

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



042BA0



0034D1



2B04A0



47494F



00248F



00040F

Inverse Universe

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



A0042B



D10034



79A004



4F4749



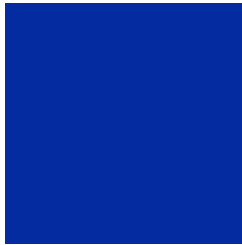
8F0024



0F0004

Previews

White Background



This preview shows how the Hex color 042BA0 looks on a white background.

Color Contrast Check

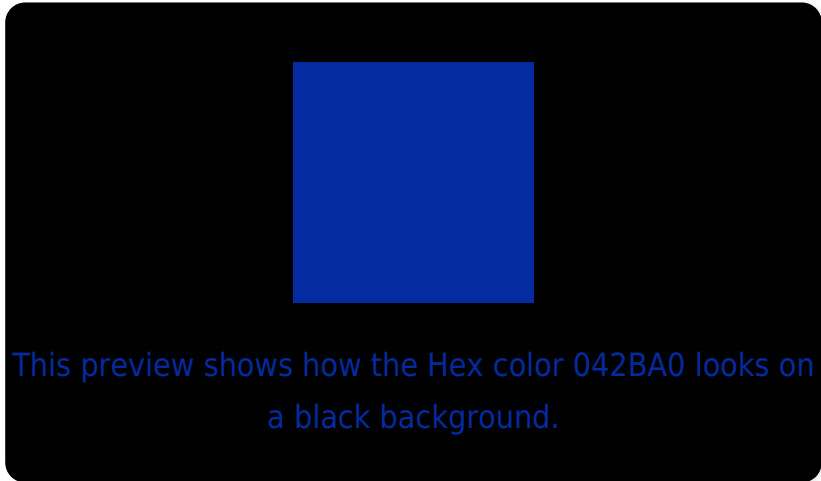
Large Text (above 18pt) WCAG AA ✓ Pass

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

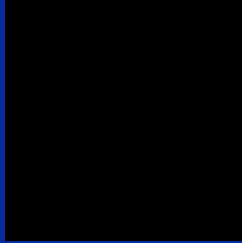
Any Text WCAG AA × Fail

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 042BA0 Background



This preview shows how black text looks on a background with the Hex color 042BA0.



This preview shows how white text looks on a background with the Hex color 042BA0.

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
042BA0

Protanopia
003978

Deuteranopia
003D66

Trichromacy



Original Color
042BA0

Protanomaly
013487

Deuteranomaly
01367B

Tritanomaly
013A66

Monochromacy



Original Color
042BA0

Achromatopsia
2D2D2D

Achromatomaly
1E2C57

CSS Examples

Text

The CSS property to change the color of the text to Hex 042BA0 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 #042BA0 looks like.

```
.text, #text, p{  
    color:#042BA0  
}
```

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 #042BA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #042BA0
}
```

Border

The CSS property to change the border of an element to Hex 042BA0 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".

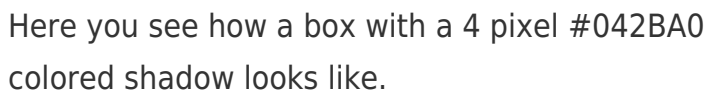
```
.border, #border, table{ border:4px solid
#042BA0 }
```

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

```
.border{ border-color:#042BA0 }
```

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

Here you see how a box with a 4 pixel #042BA0 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #042BA0; -webkit-box-shadow:4px 4px  
4px 4px #042BA0; box-shadow:4px 4px 4px  
4px #042BA0 }
```

Background

The CSS property to change the background color of an element to Hex 042BA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#042BA0 }
```

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

```
.background{ background-color:#042BA0 }
```

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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