

Converting Colors

Hex(0442B1)

Have a look what the booklet for
Hex(0442B1) contains.

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Color

Hex(0442B1)

Conversions

Conversions Part 1

Format	Color
Hex	0442B1
RGB	4, 66, 177
RGB Percent	2%, 26%, 69%
CMY	0.9843, 0.7412, 0.3059
CMYK	0.98, 0.63, 0.00, 0.31
HSL	218°, 96%, 35%
HSV	218°, 98%, 69%
XYZ	9.9341, 7.0966, 42.4412
YIQ	60.1160, -72.5830, 21.3770

Conversions

Conversions Part 2

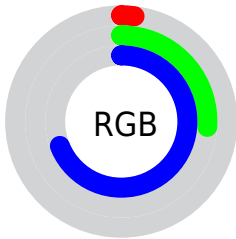
Format	Color
RYB	4, 50, 177
Decimal	279217
CIELab	32.03, 28.52, -63.29
CIELCh	32, 69.420, 294.253
Yxy	7.0966, 0.1670, 0.1193
Android (android.graphics.Color)	4278469297 (0xFF0442B1)
YUV	60.1160, 57.6238, -49.2137
Hunter-Lab	26.6394, 19.9456, -75.8117

Details

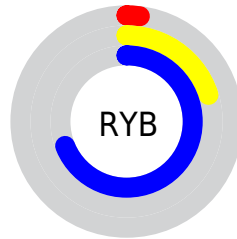
The Hex color **0442B1** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **B17304**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **5E71EA**, and **00197B** is the 20% darker color. If you saturate the color by 10%, you get **003FB1**, and if you desaturate by 10%, it is **164DB1**.

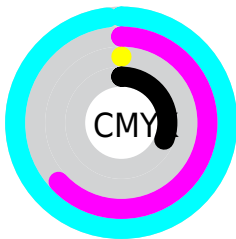
Distribution



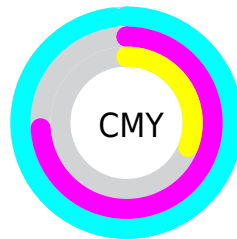
- Red (2%)
- Green (26%)
- Blue (69%)



- Red (2%)
- Yellow (20%)
- Blue (69%)



- Cyan (98%)
- Magenta (63%)
- Yellow (0%)
- Black (31%)



- Cyan (98%)
- Magenta (74%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0442B1 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 0442B1 by changing the saturation by 10% instead.

0442B1

0442B1

FFFFFF

002C96

5E71EA

00197B

7D8BFF

000062

9BA5FF

000949

B9C0FF

000431

D7DCFF

00011B

F5F8FF

000000

0442B1

0442B1

003FB1

164DB1

■ 2759B1

■ 3964B1

■ 4B6FB1

■ 5C7BB1

■ 6E86B1

■ 8091B1

■ 929DB1

■ A3A8B1

Harmonies

Analogous

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



0056BA



0442B1



7F188C

Triad

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



0442B1



8D2800



00603F

Complementary

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



0442B1



B17304

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.



005D00



0442B1



664600

Square

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



0442B1



A30023



315500



006177

Rectangle

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



0442B1



9B006A



315500



005F2B

Sweetspot

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



0442B1



A3BBE6



04B172



4B5973



F2F2F2



737373

Same Dimension

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



0442B1



0052E6



1B04B1



505459



003799



00091A

Inverse Universe

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



B10442



E60052



9AB104



595054



990037



1A0009

Previews

White Background



This preview shows how the Hex color 0442B1 looks on a white background.

Color Contrast Check

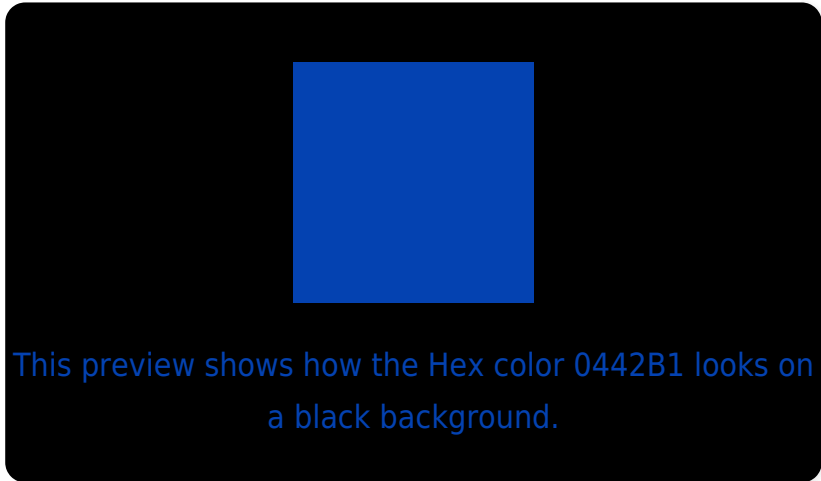
Large Text (above 18pt) WCAG AA ✓ Pass

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

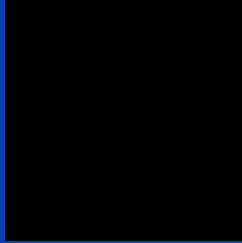
Any Text WCAG AA × Fail

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 0442B1 Background



This preview shows how black text looks on a background with the Hex color 0442B1.



This preview shows how white text looks on a background with the Hex color 0442B1.

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

0442B1

Protanopia

00499A

Deuteranopia

004E84

Trichromacy



Original Color
0442B1

Protanomaly
0146A2

Deuteranomaly
014A94

Tritanomaly
014D79

Monochromacy



Original Color
0442B1

Achromatopsia
3C3C3C

Achromatomaly
283E67

CSS Examples

Text

The CSS property to change the color of the text to Hex 0442B1 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 #0442B1 looks like.

```
.text, #text, p{  
    color:#0442B1  
}
```

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 #0442B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0442B1
}
```

Border

The CSS property to change the border of an element to Hex 0442B1 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
#0442B1 }
```

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

```
.border{ border-color:#0442B1 }
```

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

Here you see how a box with a 4 pixel #0442B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0442B1; -webkit-box-shadow:4px 4px  
4px 4px #0442B1; box-shadow:4px 4px 4px  
4px #0442B1 }
```

Background

The CSS property to change the background color of an element to Hex 0442B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0442B1 }
```

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

```
.background{ background-color:#0442B1 }
```

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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