

Converting Colors

Hex(B440B2)

Have a look what the booklet for
Hex(B440B2) contains.

Hex(B440B2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B440B2)

Conversions

Conversions Part 1

Format	Color
Hex	B440B2
RGB	180, 64, 178
RGB Percent	71%, 25%, 70%
CMY	0.2941, 0.7490, 0.3020
CMYK	0.00, 0.64, 0.01, 0.29
HSL	301°, 48%, 48%
HSV	301°, 64%, 71%
XYZ	28.6917, 16.5844, 43.8084
YIQ	111.6800, 32.5420, 60.0460

Conversions

Conversions Part 2

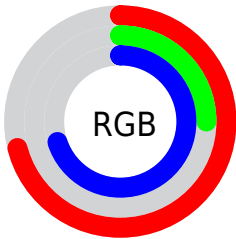
Format	Color
R_{YB}	180, 64, 178
Decimal	11813042
CIE _{Lab}	47.73, 60.70, -37.77
CIE _{LCh}	48, 71.491, 328.113
Yxy	16.5844, 0.3221, 0.1862
Android (android.graphics.Color)	4290003122 (0xFFB440B2)
YUV	111.6800, 32.6958, 59.9166
Hunter-Lab	40.7240, 54.4933, -35.2737

Details

The Hex color **B440B2** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **40B442**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **EE78EA**, and **7C007D** is the 20% darker color. If you saturate the color by 10%, you get **B42EB2**, and if you desaturate by 10%, it is **B452B2**.

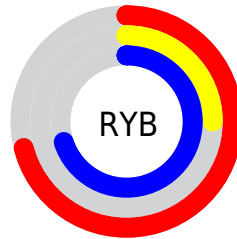
Distribution



Red (71%)

Green (25%)

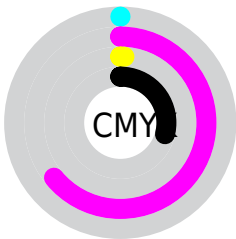
Blue (70%)



Red (71%)

Yellow (25%)

Blue (70%)

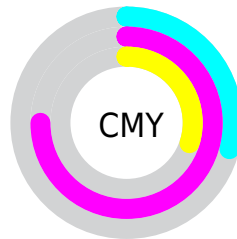


Cyan (0%)

Magenta (64%)

Yellow (1%)

Black (29%)



Cyan (29%)

Magenta (75%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color B440B2 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 B440B2 by changing the saturation by 10% instead.

 B440B2

 B440B2

FFFFFF

 982197

 EE78EA

 7C007D

 FF94FF

 600063

 FFB0FF


 46004B

 FFCDFD

 2D0034

 FFEAFF

 01001D

 000000

 B440B2

 B440B2

 B42EB2

 B452B2

 B41CB1

 B464B3

 B40AB1

 B476B3

 B400B1

 B488B3

 B49AB4

 B4ACB4

 B4BEB4

 B4D0B4

 B4E2B5

Harmonies

Analogous

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



6063DD



B440B2



D61F78

Triad

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



B440B2



8D6E00



008BA9

Complementary

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



B440B2



40B442

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.



008B6C



B440B2



517E00

Square

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



B440B2



BA5300



00872B



0087D8

Rectangle

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



B440B2



D92550



00872B



008B95

Sweetspot

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



B440B2



EBBEEA



4240B4



755A75



F5F5F5



757575

Same Dimension

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



B440B2



EB36E7



B44078



595059



990096



1A0019

Inverse Universe

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



B440B2



EB36E7



40B47C



595059



990096



1A0019

Previews

White Background



This preview shows how the Hex color B440B2 looks on a white background.

Color Contrast Check

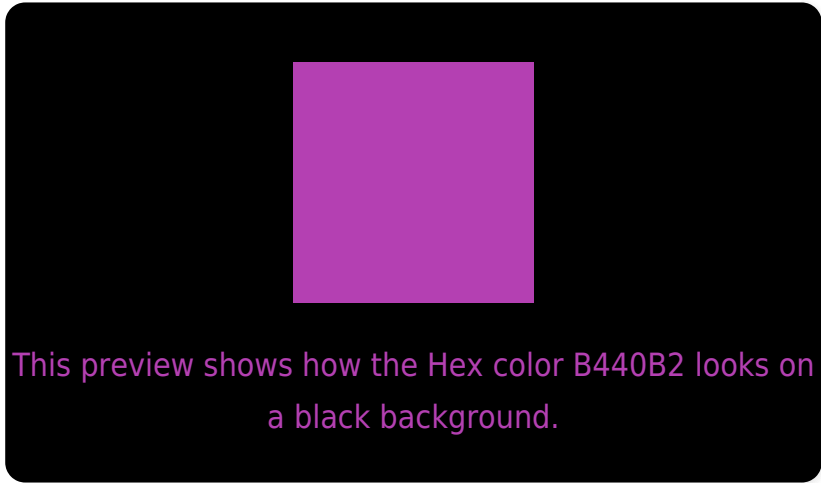
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

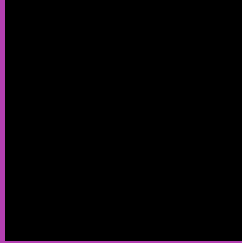
Any Text WCAG AA × Fail

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 B440B2 Background



This preview shows how black text looks on a background with the Hex color B440B2.

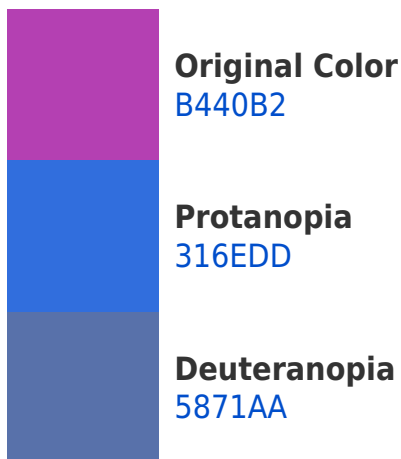



This preview shows how white text looks on a background with the Hex color B440B2.

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](#).

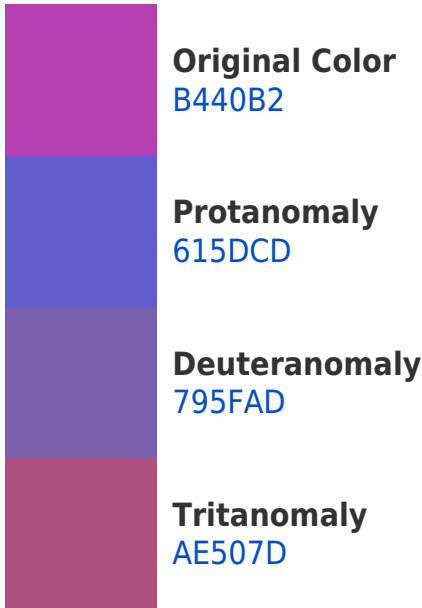
Dichromacy



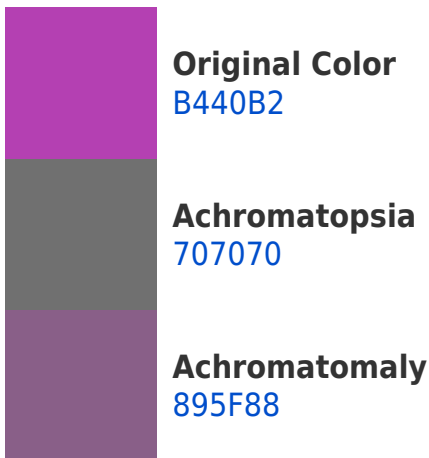


Tritanopia
AA595F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B440B2 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 #B440B2 looks like.

```
.text, #text, p{  
    color:#B440B2  
}
```

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 #B440B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B440B2
}
```

Border

The CSS property to change the border of an element to Hex B440B2 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".

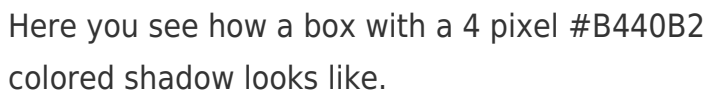
```
.border, #border, table{ border:4px solid
#B440B2 }
```

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

```
.border{ border-color:#B440B2 }
```

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

Here you see how a box with a 4 pixel #B440B2 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and a thick purple shadow is cast to the right and slightly downwards from the right edge of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B440B2; -webkit-box-shadow:4px 4px  
4px 4px #B440B2; box-shadow:4px 4px 4px  
4px #B440B2 }
```

Background

The CSS property to change the background color of an element to Hex B440B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B440B2 }
```

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

```
.background{ background-color:#B440B2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor