

# Converting Colors

Hex(B072B4)

Have a look what the booklet for  
Hex(B072B4) contains.

<b>Hex(B072B4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B072B4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B072B4
RGB	176, 114, 180
RGB Percent	69%, 45%, 71%
CMY	0.3098, 0.5529, 0.2941
CMYK	0.02, 0.37, 0.00, 0.29
HSL	296°, 31%, 58%
HSV	296°, 37%, 71%
XYZ	32.1600, 24.5600, 46.2256
YIQ	140.0620, 15.7660, 33.6700

# Conversions

## Conversions Part 2

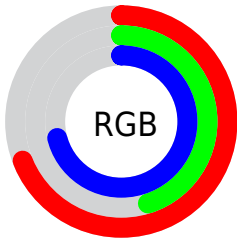
Format	Color
R <sub>Y</sub> B	176, 114, 180
Decimal	11563700
CIE Lab	56.64, 35.29, -25.07
CIE LCh	57, 43.289, 324.615
Yxy	24.5600, 0.3124, 0.2386
Android (android.graphics.Color)	4289753780 (0xFFB072B4)
YUV	140.0620, 19.6894, 31.5176
Hunter-Lab	49.5581, 29.1085, -20.6124

# Details

The Hex color **B072B4** is a light color, and the websafe version is hex **996699**. A complement of this color would be **76B472**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **E9A7EC**, and **7A407F** is the 20% darker color. If you saturate the color by 10%, you get **AF60B4**, and if you desaturate by 10%, it is **B184B4**.

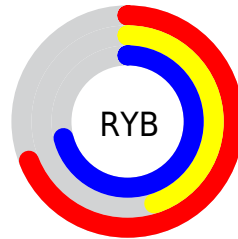
# Distribution



Red (69%)

Green (45%)

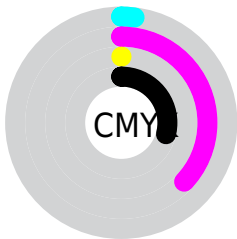
Blue (71%)



Red (69%)

Yellow (45%)

Blue (71%)

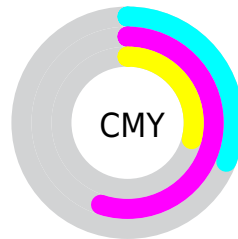


Cyan (2%)

Magenta (37%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (55%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B072B4 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 B072B4 by changing the saturation by 10% instead.



 B072B4

 B072B4

FFFFFF

 955999

 E9A7EC

 7A407F

 FFC3FF

 602866

 FFDFFF

 470F4E

 FFFCFF

 2F0036

 190021

 000005

 000000

 B072B4

 B072B4

 AF60B4

 B184B4

 AE4EB4

 B296B4

 AD3CB4

 B3A8B4

 AC2AB4

 B4BAB4

 AB18B4

 B5CCB4

 A906B4

 B7DEB4

 A900B4

 B8F0B4

 B9FFB4

 BAFFB4

# Harmonies

## Analogous

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



8081CC



B072B4



CA6990

# Triad

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



B072B4



A4833B



009BA6

# Complementary

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



B072B4



76B472

# 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.



009B80



B072B4



7F8F40

# Square

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



B072B4



C0764B



51975B



0097C5

# Rectangle

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



B072B4



CF6877



51975B



009B9A



# Sweetspot

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



B072B4



E9D1EB



7276B4



746675



F5F5F5



757575



# Same Dimension

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



B072B4



E483EB



B47297



595059



900099



18001A



# Inverse Universe

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



B47276



EB838A



72B48F



595051



990009

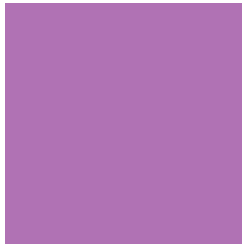


1A0002



# Previews

## White Background



This preview shows how the Hex color B072B4 looks on a white background.

## Color Contrast Check

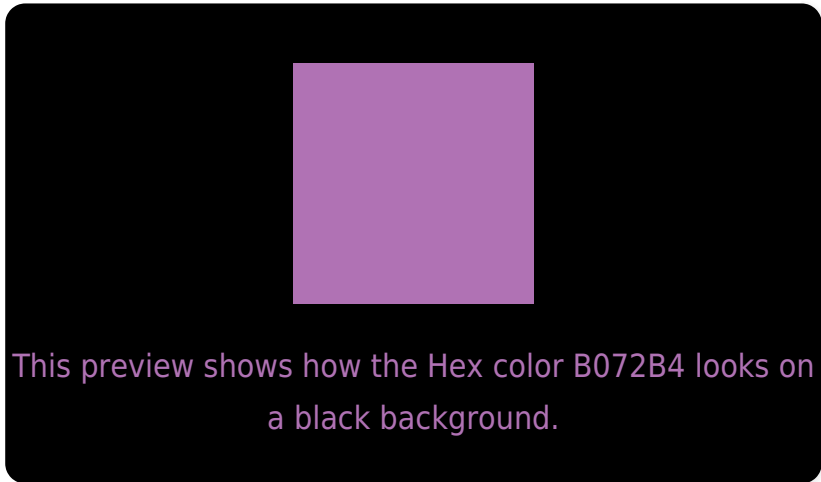
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

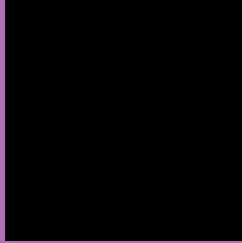
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B072B4 Background



This preview shows how black text looks on a background with the Hex color B072B4.

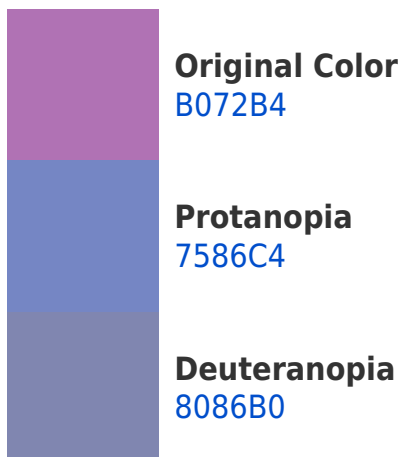



This preview shows how white text looks on a background with the Hex color B072B4.

# 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](#).

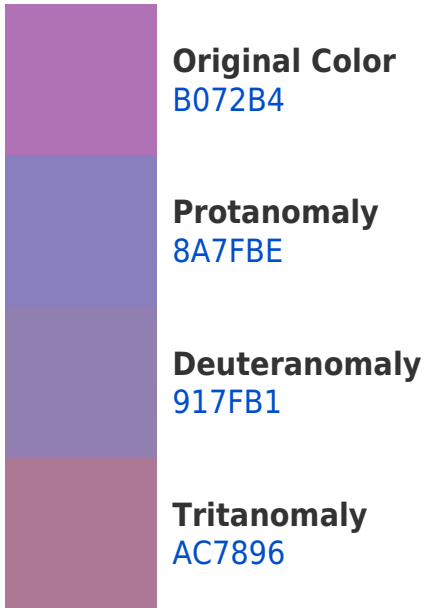
## Dichromacy



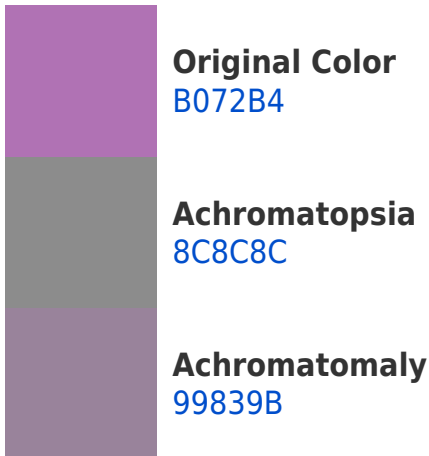


**Tritanopia**  
AA7C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B072B4 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 #B072B4 looks like.

```
.text, #text, p{  
    color:#B072B4  
}
```

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 #B072B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B072B4
}
```

## Border

The CSS property to change the border of an element to Hex B072B4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

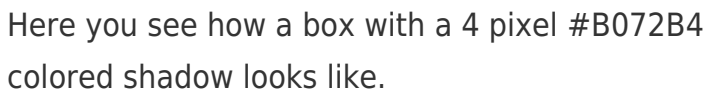
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B072B4 }
```

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

```
.border{ border-color:#B072B4 }
```

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



Here you see how a box with a 4 pixel #B072B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B072B4; -webkit-box-shadow:4px 4px  
4px 4px #B072B4; box-shadow:4px 4px 4px  
4px #B072B4 }
```

# Background

The CSS property to change the background color of an element to Hex B072B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B072B4 }
```

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

```
.background{ background-color:#B072B4 }
```

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