

# Converting Colors

Hex(B472D6)

Have a look what the booklet for  
Hex(B472D6) contains.

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# Color

Hex(**B472D6**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B472D6
RGB	180, 114, 214
RGB Percent	71%, 45%, 84%
CMY	0.2941, 0.5529, 0.1608
CMYK	0.16, 0.47, 0.00, 0.16
HSL	280°, 55%, 64%
HSV	280°, 47%, 84%
XYZ	36.9773, 26.5930, 66.8024
YIQ	145.1340, 7.2360, 45.0920

# Conversions

## Conversions Part 2

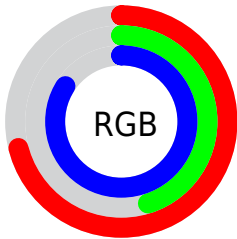
Format	Color
R <sub>Y</sub> B	180, 114, 214
Decimal	11825878
CIE Lab	58.60, 43.47, -41.33
CIE LCh	59, 59.986, 316.448
Yxy	26.5930, 0.2836, 0.2040
Android (android.graphics.Color)	4290015958 (0xFFB472D6)
YUV	145.1340, 33.9509, 30.5775
Hunter-Lab	51.5684, 37.7495, -40.7072

# Details

The Hex color **B472D6** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **94D672**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **EDA7FF**, and **7D3F9F** is the 20% darker color. If you saturate the color by 10%, you get **AD5DD6**, and if you desaturate by 10%, it is **BB87D6**.

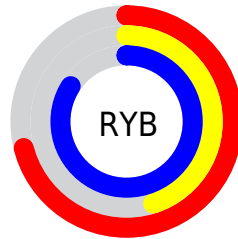
# Distribution



Red (71%)

Green (45%)

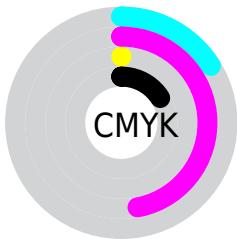
Blue (84%)



Red (71%)

Yellow (45%)

Blue (84%)

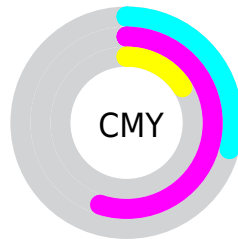


Cyan (16%)

Magenta (47%)

Yellow (0%)

Black (16%)



Cyan (29%)

Magenta (55%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B472D6 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 B472D6 by changing the saturation by 10% instead.



 B472D6

 B472D6

FFFFFF

 9858BA

 EDA7FF

 7D3F9F

 FFC3FF

 622684

 FFE0FF

 480A6B

 FFFDFF

 2E0052

 19003A

 000223

 00000B

 000000

 B472D6

 B472D6

 AD5DD6

 BB87D6

 A547D6

 C39DD6

 9E32D6

 CAB2D6

 971CD6

 D1C8D6

 9007D6

 D8DDD6

 8D00D6

 E0F2D6

 E7FFD6

 EEFFD6

 F5FFD6

# Harmonies

## Analogous

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



5D89F2



B472D6



E05EA7

# Triad

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



B472D6



BB821C



00A6A9

# Complementary

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



B472D6



94D672

# 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.



00A472



B472D6



8C9318

# Square

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



B472D6



DD6C42



4E9E40



00A3D8

# Rectangle

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



B472D6



EB5A84



4E9E40



00A697



# Sweetspot

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



B472D6



F3DBFF



7295D6



786A80



000000



808080



# Same Dimension

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



B472D6



CE70FF



D672C7



67606B



7100AB



1D002B



# Inverse Universe

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



D67294



FF70A1



72D681



6B6064



AB003A



2B000F



# Previews

## White Background



This preview shows how the Hex color B472D6 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

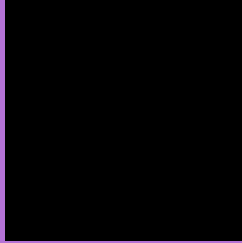
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B472D6 Background



This preview shows how black text looks on a background with the Hex color B472D6.

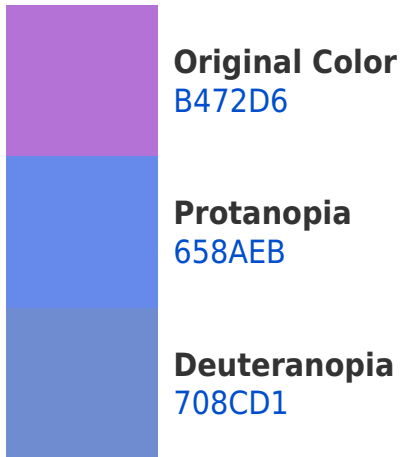



This preview shows how white text looks on a background with the Hex color B472D6.

# 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](#).

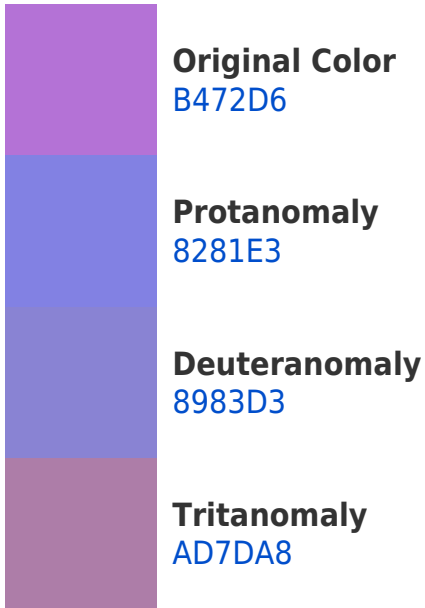
## Dichromacy



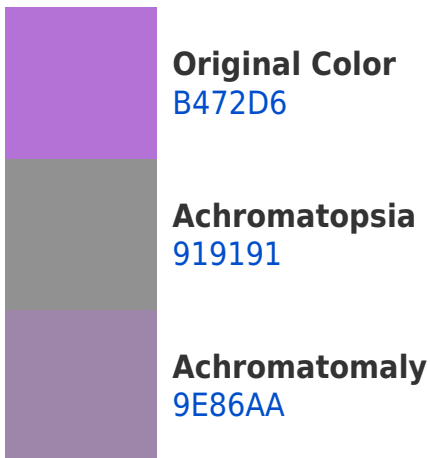


**Tritanopia**  
A9838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B472D6 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 #B472D6 looks like.

```
.text, #text, p{  
    color:#B472D6  
}
```

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 #B472D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B472D6
}
```

## Border

The CSS property to change the border of an element to Hex B472D6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

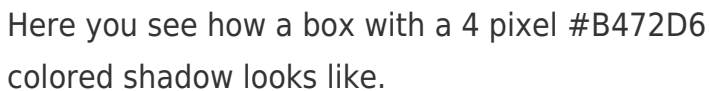
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B472D6 }
```

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

```
.border{ border-color:#B472D6 }
```

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



Here you see how a box with a 4 pixel #B472D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B472D6; -webkit-box-shadow:4px 4px  
4px 4px #B472D6; box-shadow:4px 4px 4px  
4px #B472D6 }
```

# Background

The CSS property to change the background color of an element to Hex B472D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B472D6 }
```

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

```
.background{ background-color:#B472D6 }
```

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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