

# Converting Colors

Hex(B828B4)

Have a look what the booklet for  
Hex(B828B4) contains.

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**Color**

**Hex(B828B4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B828B4
RGB	184, 40, 180
RGB Percent	72%, 16%, 71%
CMY	0.2784, 0.8431, 0.2941
CMYK	0.00, 0.78, 0.02, 0.28
HSL	302°, 64%, 44%
HSV	302°, 78%, 72%
XYZ	28.7642, 15.0032, 44.5599
YIQ	99.0160, 40.8840, 74.0680

# Conversions

## Conversions Part 2

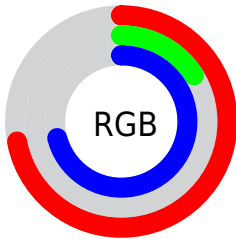
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 40, 180
Decimal	12069044
CIELab	45.64, 70.01, -42.21
CIElCh	46, 81.751, 328.910
Yxy	15.0032, 0.3257, 0.1699
Android (android.graphics.Color)	4290259124 (0xFFB828B4)
YUV	99.0160, 39.9251, 74.5310
Hunter-Lab	38.7340, 64.7711, -41.0939

# Details

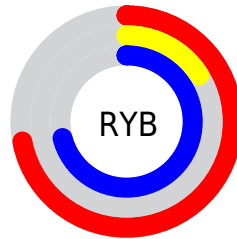
The Hex color **B828B4** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **28B82C**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **F367EC**, and **7F007E** is the 20% darker color. If you saturate the color by 10%, you get **B816B3**, and if you desaturate by 10%, it is **B83AB5**.

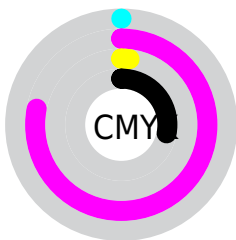
# Distribution



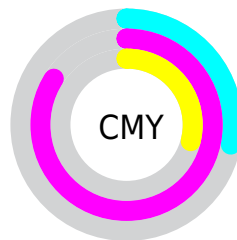
- Red (72%)
- Green (16%)
- Blue (71%)



- Red (72%)
- Yellow (16%)
- Blue (71%)



- Cyan (0%)
- Magenta (78%)
- Yellow (2%)
- Black (28%)



- Cyan (28%)
- Magenta (84%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B828B4 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 B828B4 by changing the saturation by 10% instead.



 B828B4

 B828B4

FFFFFF

 9B0099

 F367EC

 7F007E

 FF84FF

 630065

 FFA0FF

 47004C

 FFBDFF

 2D0035

 FFDBFF

 01001E

 FFF9FF

 000001

 000000

 B828B4

 B828B4

 B816B3

 B83AB5

 B803B3

 B84DB5

 B800B3

 B85FB6

 B872B6

 B884B7

 B896B7

 B8A9B8

 B8BBB8

 B8CEB9

# Harmonies

## Analogous

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



545BE6



B828B4



DC0072

# Triad

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



B828B4



866900



0088AD

# Complementary

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



B828B4



28B82C

# 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.



008768



B828B4



407B00

# Square

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



B828B4



B94900



00831A



0084E2

# Rectangle

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



B828B4



DE0045



00831A



008897



# Sweetspot

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



B828B4



F0B9EE



2A28B8



785677



F7F7F7



787878



# Same Dimension

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



B828B4



F00EE9



B8286E



5C535C



9C0097



1C001B



# Inverse Universe

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



B828B4



F00EE9



28B872



5C535C



9C0097



1C001B



# Previews

## White Background



This preview shows how the Hex color B828B4 looks on a white background.

## Color Contrast Check

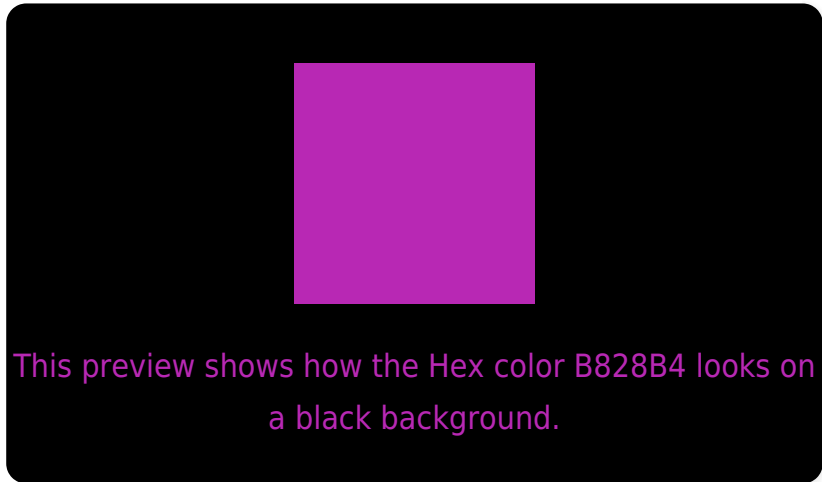
Large Text (above 18pt) WCAG AA ✓ Pass

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

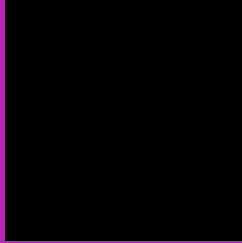
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B828B4 Background



This preview shows how black text looks on a background with the Hex color B828B4.

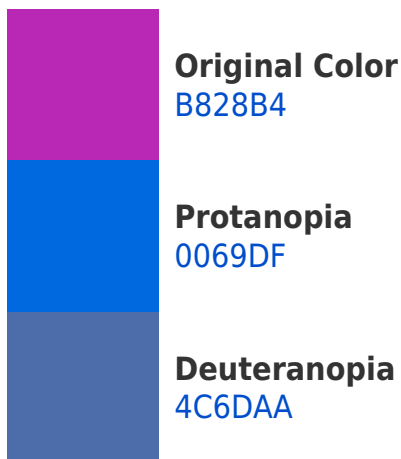



This preview shows how white text looks on a background with the Hex color B828B4.

# 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



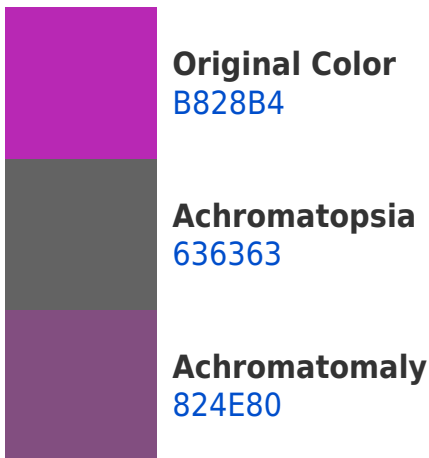


**Tritanopia**  
AE4E53

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B828B4 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 #B828B4 looks like.

```
.text, #text, p{  
    color:#B828B4  
}
```

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 #B828B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B828B4
}
```

## Border

The CSS property to change the border of an element to Hex B828B4 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
#B828B4 }
```

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

```
.border{ border-color:#B828B4 }
```

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

Here you see how a box with a 4 pixel #B828B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B828B4; -webkit-box-shadow:4px 4px  
4px 4px #B828B4; box-shadow:4px 4px 4px  
4px #B828B4 }
```

# Background

The CSS property to change the background color of an element to Hex B828B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B828B4 }
```

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

```
.background{ background-color:#B828B4 }
```

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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