

# Converting Colors

Hex(B48FD3)

Have a look what the booklet for  
Hex(B48FD3) contains.

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# **Color**

**Hex(B48FD3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B48FD3
RGB	180, 143, 211
RGB Percent	71%, 56%, 83%
CMY	0.2941, 0.4392, 0.1725
CMYK	0.15, 0.32, 0.00, 0.17
HSL	273°, 44%, 69%
HSV	273°, 32%, 83%
XYZ	40.4027, 34.0514, 66.0711
YIQ	161.8150, 0.2240, 28.9920

# Conversions

## Conversions Part 2

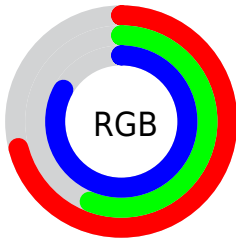
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">180, 143, 211</a>
Decimal	<a href="#">11833299</a>
CIELab	<a href="#">65.00, 26.80, -29.66</a>
CIElCh	<a href="#">65, 39.972, 312.094</a>
Yxy	<a href="#">34.0514, 0.2875, 0.2423</a>
Android (android.graphics.Color)	<a href="#">4290023379 (0xFFB48FD3)</a>
YUV	<a href="#">161.8150, 24.2482, 15.9482</a>
Hunter-Lab	<a href="#">58.3536, 21.4708, -26.2839</a>

# Details

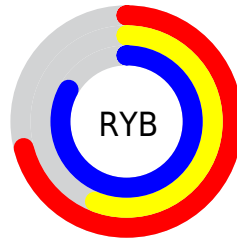
The Hex color **B48FD3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **AED38F**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **EDC5FF**, and **7E5C9C** is the 20% darker color. If you saturate the color by 10%, you get **AA7AD3**, and if you desaturate by 10%, it is **BEA4D3**.

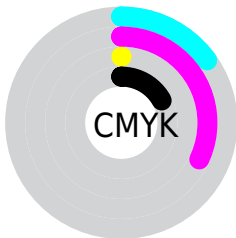
# Distribution



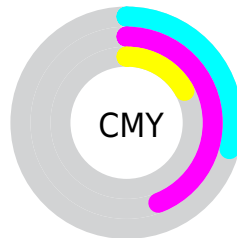
- Red (71%)
- Green (56%)
- Blue (83%)



- Red (71%)
- Yellow (56%)
- Blue (83%)



- Cyan (15%)
- Magenta (32%)
- Yellow (0%)
- Black (17%)



- Cyan (29%)
- Magenta (44%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B48FD3 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 B48FD3 by changing the saturation by 10% instead.



 B48FD3

 B48FD3

FFFFFF

 9975B7

 EDC5FF

 7E5C9C

 FFE1FF

 644482

FFFEFF

 4B2D69

 331750

 1C0039

 000023

 000009

 000000

 B48FD3

 B48FD3

 AA7AD3

 BEA4D3

 A165D3

 C7B9D3

 9750D3

 D1CED3

 8E3BD3

 DAE3D3

 8426D3

 E4F9D3

 7A10D3

 EEFFD3

 7300D3

 F7FFD3

 FFFFD3

# Harmonies

## Analogous

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



809CE3



B48FD3



D584B5

# Triad

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



B48FD3



C7945A



00B1AB

# Complementary

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



B48FD3



AED38F

# 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.



4FAF87



B48FD3



A6A056

# Square

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



B48FD3



DC886F



7FAA67



00AECD

# Rectangle

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



B48FD3



E0819D



7FAA67



20B09F



# Sweetspot

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



B48FD3



F3E6FF



8FAFD3



797080



000000



808080



# Same Dimension

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



B48FD3



D29CFF



D38FD1



645E69



5C00A8



160029



# Inverse Universe

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



D38FAE



FF9CC9



8FD391



695E63



A8004D

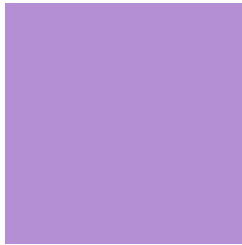


290013



# Previews

## White Background



This preview shows how the Hex color B48FD3 looks on a white background.

## Color Contrast Check

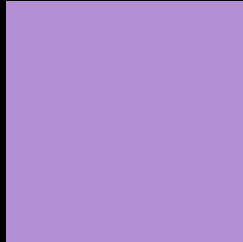
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color B48FD3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

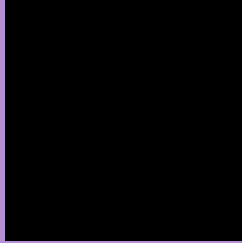
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B48FD3 Background



This preview shows how black text looks on a background with the Hex color B48FD3.

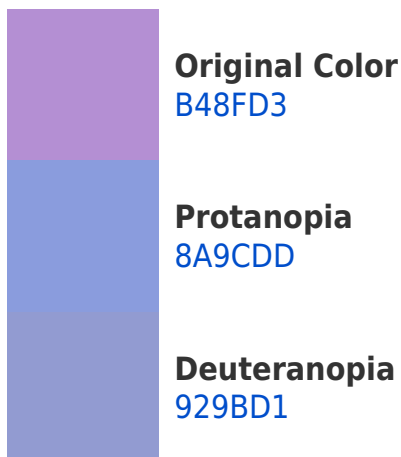



This preview shows how white text looks on a background with the Hex color B48FD3.

# 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](#).

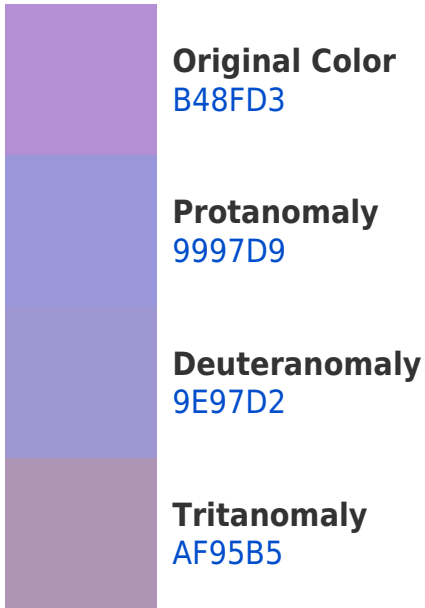
## Dichromacy



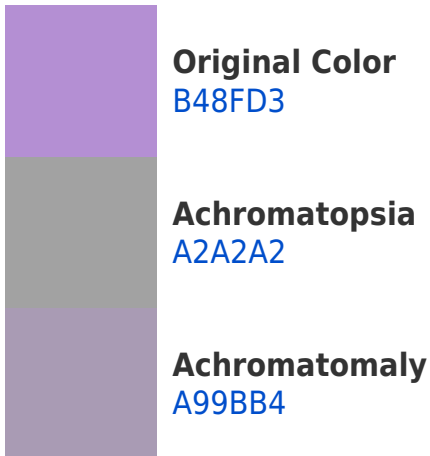


**Tritanopia**  
AC98A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B48FD3 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 #B48FD3 looks like.

```
.text, #text, p{  
    color:#B48FD3  
}
```

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 #B48FD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B48FD3
}
```

## Border

The CSS property to change the border of an element to Hex B48FD3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

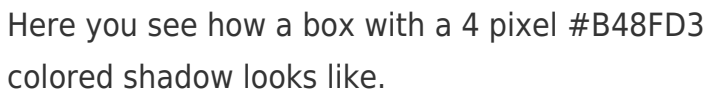
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B48FD3 }
```

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

```
.border{ border-color:#B48FD3 }
```

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



Here you see how a box with a 4 pixel #B48FD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B48FD3; -webkit-box-shadow:4px 4px  
4px 4px #B48FD3; box-shadow:4px 4px 4px  
4px #B48FD3 }
```

# Background

The CSS property to change the background color of an element to Hex B48FD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B48FD3 }
```

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

```
.background{ background-color:#B48FD3 }
```

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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