

# Converting Colors

Hex(B484FC)

Have a look what the booklet for  
Hex(B484FC) contains.

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# Color

Hex(B484FC)

# Conversions

## Conversions Part 1

Format	Color
Hex	B484FC
RGB	180, 132, 252
RGB Percent	71%, 52%, 99%
CMY	0.2941, 0.4824, 0.0118
CMYK	0.29, 0.48, 0.00, 0.01
HSL	264°, 95%, 75%
HSV	264°, 48%, 99%
XYZ	44.6443, 33.2341, 96.1573
YIQ	160.0320, -9.9120, 47.4960

# Conversions

## Conversions Part 2

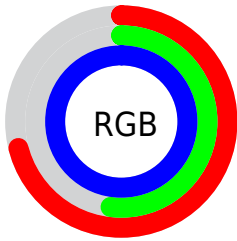
Format	Color
R <sub>Y</sub> B	180, 132, 252
Decimal	11830524
CIE Lab	64.35, 42.33, -53.35
CIE LCh	64, 68.104, 308.432
Yxy	33.2341, 0.2565, 0.1910
Android (android.graphics.Color)	4290020604 (0xFFB484FC)
YUV	160.0320, 45.3402, 17.5119
Hunter-Lab	57.6490, 37.3475, -58.5401

# Details

The Hex color **B484FC** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **CCFC84**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **EEBAFF**, and **7C51C3** is the 20% darker color. If you saturate the color by 10%, you get **A56BFC**, and if you desaturate by 10%, it is **C39DFC**.

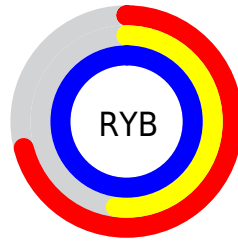
# Distribution



Red (71%)

Green (52%)

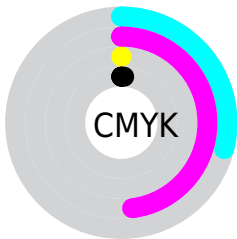
Blue (99%)



Red (71%)

Yellow (52%)

Blue (99%)

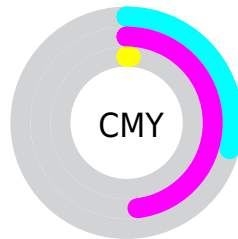


Cyan (29%)

Magenta (48%)

Yellow (0%)

Black (1%)



Cyan (29%)

Magenta (48%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B484FC 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 B484FC by changing the saturation by 10% instead.



 B484FC

 B484FC

FFFFFF

 986ADF

 EEBAFF

 7C51C3

 FFD6FF

 6039A7

 FFF3FF

 44218C

 270772

 000059

 000041

 000329

 000113

 B484FC

 B484FC

 A56BFC

 C39DFC

 9652FC

 D2B6FC

 8738FC

 E1D0FC

 781FFC

 F0E9FC

 6806FC

FFFFFFC

 6500FC

# Harmonies

## Analogous

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



1C9DFF



B484FC



F269CA

# Triad

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



B484FC



DD8921



00B8AC

# Complementary

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



B484FC



CCFC84

# 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.



00B56D



B484FC



AA9F01

# Square

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



B484FC



FF6F53



68AD33



00B7E6

# Rectangle

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



B484FC



FF5FA2



68AD33



00B897



# Sweetspot

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



B484FC



EADBFF



84CCFC



726A80



000000



808080



# Same Dimension

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



B484FC



A86EFF



F084FC



75707D



4B00BD



18003D



# Inverse Universe

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



FC84CC



FF6EC5



90FC84



7D7078



BD0071

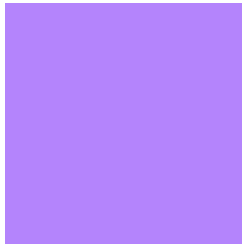


3D0025



# Previews

## White Background



This preview shows how the Hex color B484FC looks on a white background.

## Color Contrast Check

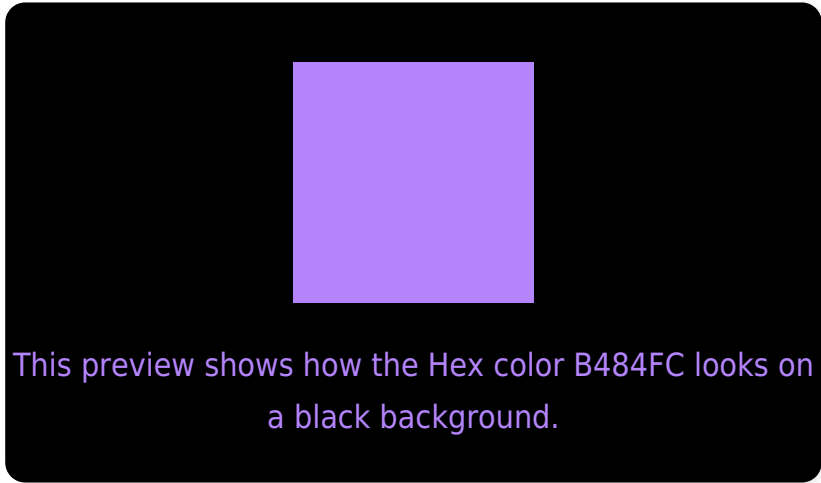
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

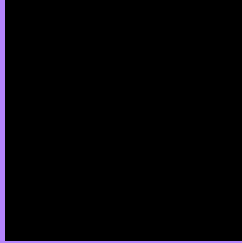
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B484FC Background



This preview shows how black text looks on a background with the Hex color B484FC.

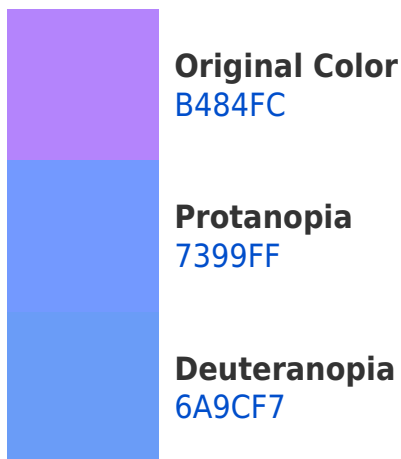



This preview shows how white text looks on a background with the Hex color B484FC.

# 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](#).

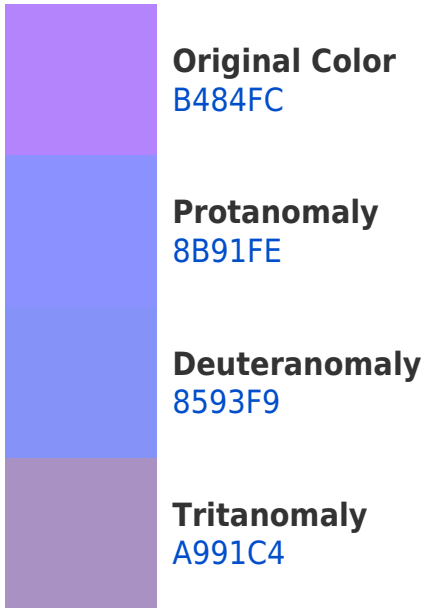
## Dichromacy



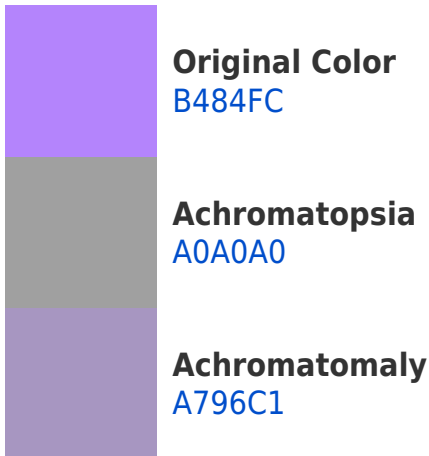


**Tritanopia**  
A398A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B484FC 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 #B484FC looks like.

```
.text, #text, p{  
  color:#B484FC  
}
```

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 #B484FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B484FC
}
```

## Border

The CSS property to change the border of an element to Hex B484FC is called "border". The border property can be set on classes, ids or directly on the HTML element.

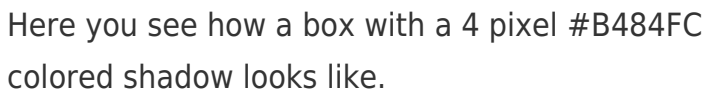
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B484FC }
```

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

```
.border{ border-color:#B484FC }
```

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



Here you see how a box with a 4 pixel #B484FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B484FC; -webkit-box-shadow:4px 4px  
4px 4px #B484FC; box-shadow:4px 4px 4px  
4px #B484FC }
```

# Background

The CSS property to change the background color of an element to Hex B484FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B484FC }
```

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

```
.background{ background-color:#B484FC }
```

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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