

# Converting Colors

Hex(B84AF4)

Have a look what the booklet for  
Hex(B84AF4) contains.

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# Color

Hex(B84AF4)

# Conversions

## Conversions Part 1

Format	Color
Hex	B84AF4
RGB	184, 74, 244
RGB Percent	72%, 29%, 96%
CMY	0.2784, 0.7098, 0.0431
CMYK	0.25, 0.70, 0.00, 0.04
HSL	279°, 89%, 62%
HSV	279°, 70%, 96%
XYZ	38.5451, 21.6196, 87.7294
YIQ	126.2700, 10.9900, 76.1900

# Conversions

## Conversions Part 2

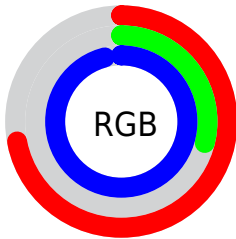
Format	Color
<a href="#">RYB</a>	<a href="#">184, 74, 244</a>
Decimal	<a href="#">12077812</a>
CIELab	<a href="#">53.62, 70.00, -66.07</a>
CIELCh	<a href="#">54, 96.259, 316.657</a>
Yxy	<a href="#">21.6196, 0.2606, 0.1462</a>
Android (android.graphics.Color)	<a href="#">4290267892 (0xFFB84AF4)</a>
YUV	<a href="#">126.2700, 58.0409, 50.6292</a>
Hunter-Lab	<a href="#">46.4968, 66.6040, -79.3195</a>

# Details

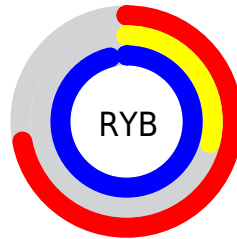
The Hex color **B84AF4** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light washed purple. A complement of this color would be **86F44A**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **F483FF**, and **7E00BB** is the 20% darker color. If you saturate the color by 10%, you get **AF32F4**, and if you desaturate by 10%, it is **C162F4**.

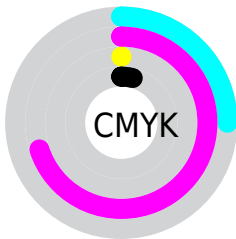
# Distribution



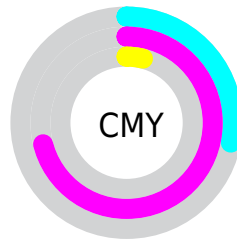
- Red (72%)
- Green (29%)
- Blue (96%)



- Red (72%)
- Yellow (29%)
- Blue (96%)



- Cyan (25%)
- Magenta (70%)
- Yellow (0%)
- Black (4%)



- Cyan (28%)
- Magenta (71%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B84AF4 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 B84AF4 by changing the saturation by 10% instead.



 B84AF4

 B84AF4

FFFFFF

 9B2BD7

 F483FF

 7E00BB

 FF9FFF

 60009F

 FFBCFF

 430084

 FFD9FF

 23006A

 FFF6FF

 000051

 000539

 000222

 000008

 B84AF4

 B84AF4

 AF32F4

 C162F4

 A719F4

 C97BF4

 9E01F4

 D293F4

 9E00F4

 DAACF4

 E3C4F4

 ECDCF4

 F4F5F4

 FDFFF4

 FFFFF4

# Harmonies

## Analogous

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



007CFF



B84AF4



FC00A9

# Triad

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



B84AF4



BA6F00



00A1AE

# Complementary

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



B84AF4



86F44A

# 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.



009F57



B84AF4



718B00

# Square

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



B84AF4



F03C00



009900



00A0F9

# Rectangle

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



B84AF4



FF0072



009900



00A191



# Sweetspot

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



B84AF4



ECC9FF



4A88F4



746080



000000



808080



# Same Dimension

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



B84AF4



B329FF



F44ADD



766E7A



7800BA



26003B



# Inverse Universe

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



F44A86



FF2974



4AF461



7A6E72



BA0042

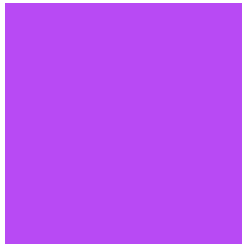


3B0015



# Previews

## White Background



This preview shows how the Hex color B84AF4 looks on a white background.

## Color Contrast Check

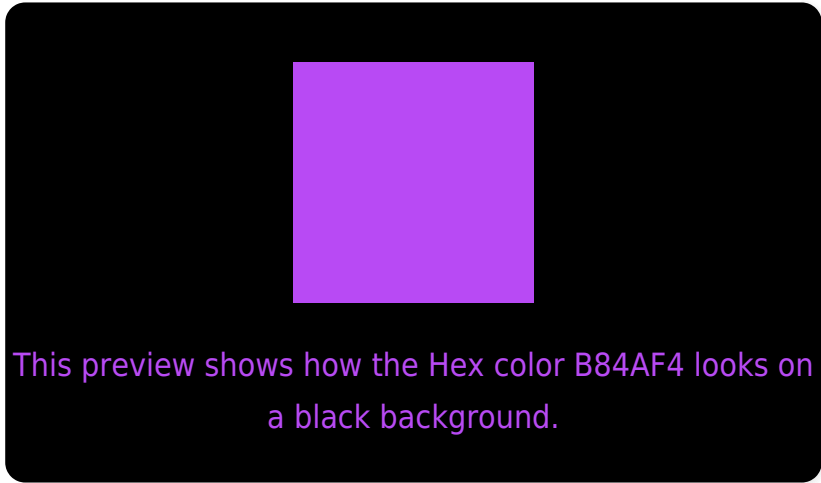
Large Text (above 18pt) WCAG AA ✓ Pass

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

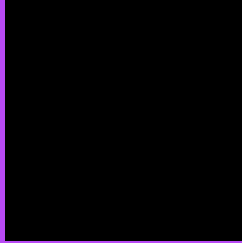
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B84AF4 Background



This preview shows how black text looks on a background with the Hex color B84AF4.

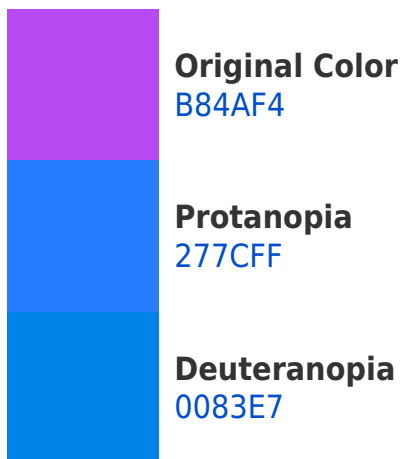


This preview shows how white text looks on a background with the Hex color B84AF4.

# 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](#).

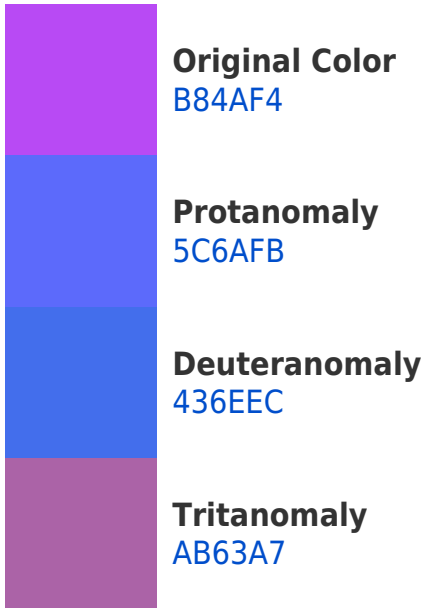
## Dichromacy



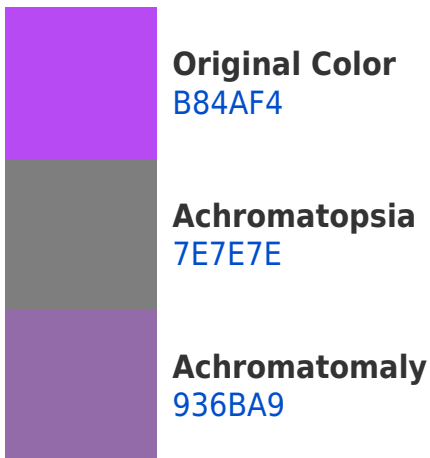


**Tritanopia**  
A4727B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B84AF4 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 #B84AF4 looks like.

```
.text, #text, p{  
    color:#B84AF4  
}
```

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 #B84AF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B84AF4
}
```

## Border

The CSS property to change the border of an element to Hex B84AF4 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
#B84AF4 }
```

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

```
.border{ border-color:#B84AF4 }
```

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

Here you see how a box with a 4 pixel #B84AF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B84AF4; -webkit-box-shadow:4px 4px  
4px 4px #B84AF4; box-shadow:4px 4px 4px  
4px #B84AF4 }
```

# Background

The CSS property to change the background color of an element to Hex B84AF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B84AF4 }
```

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

```
.background{ background-color:#B84AF4 }
```

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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