

# Converting Colors

Hex(B84FA7)

Have a look what the booklet for  
Hex(B84FA7) contains.

<b>Hex(B84FA7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(B84FA7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B84FA7
RGB	184, 79, 167
RGB Percent	72%, 31%, 65%
CMY	0.2784, 0.6902, 0.3451
CMYK	0.00, 0.57, 0.09, 0.28
HSL	310°, 43%, 52%
HSV	310°, 57%, 72%
XYZ	29.5382, 18.5723, 38.5872
YIQ	120.4270, 34.3320, 49.6280

# Conversions

## Conversions Part 2

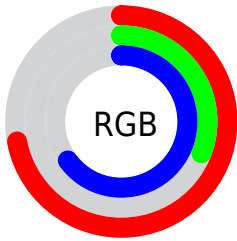
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 79, 167
Decimal	12079015
CIELab	50.18, 53.40, -27.42
CIElCh	50, 60.035, 332.819
Yxy	18.5723, 0.3407, 0.2142
Android (android.graphics.Color)	4290269095 (0xFFB84FA7)
YUV	120.4270, 22.9605, 55.7535
Hunter-Lab	43.0956, 46.9284, -22.9205

# Details

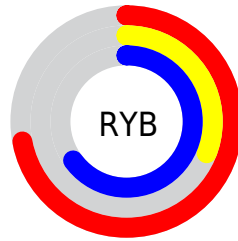
The Hex color **B84FA7** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **4FB860**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **F285DE**, and **801373** is the 20% darker color. If you saturate the color by 10%, you get **B83DA4**, and if you desaturate by 10%, it is **B861AA**.

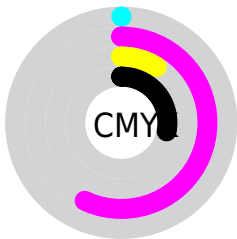
# Distribution



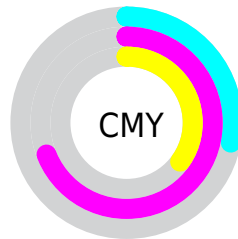
- Red (72%)
- Green (31%)
- Blue (65%)



- Red (72%)
- Yellow (31%)
- Blue (65%)



- Cyan (0%)
- Magenta (57%)
- Yellow (9%)
- Black (28%)



- Cyan (28%)
- Magenta (69%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B84FA7 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 B84FA7 by changing the saturation by 10% instead.



 B84FA7

 B84FA7

FFFFFF

 9C348C

 F285DE

 801373

 FFA1FB

 65005A

 FFBDFE

 4B0042

 FFD9FF

 34002C

 FFF7FF

 100016

 000000

 B84FA7

 B84FA7

 B83DA4

 B861AA

 B82AA1

 B874AD

 B8189E

 B886B0

 B8059B

 B899B3

 B8009A

 B8ABB6

 B8BDB9

 B8D0BC

 B8E2BF

 B8F5C2

# Harmonies

## Analogous

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



7C68CE



B84FA7



D14175

# Triad

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



B84FA7



8B7700



008EAE

# Complementary

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



B84FA7



4FB860

# 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.



008F7B



B84FA7



578412

# Square

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



B84FA7



B36314



008C46



0089D2

# Rectangle

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



B84FA7



D14653



008C46



008F9E



# Sweetspot

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



B84FA7



F0C7E9



5F4FB8



786074



F7F7F7



787878



# Same Dimension

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



B84FA7



F04DD5



B84F74



5C535A



9C0082



1C0018



# Inverse Universe

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



B84FA7



F04DD5



4FB893



5C535A



9C0082

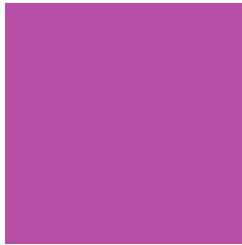


1C0018



# Previews

## White Background



This preview shows how the Hex color B84FA7 looks on a white background.

## Color Contrast Check

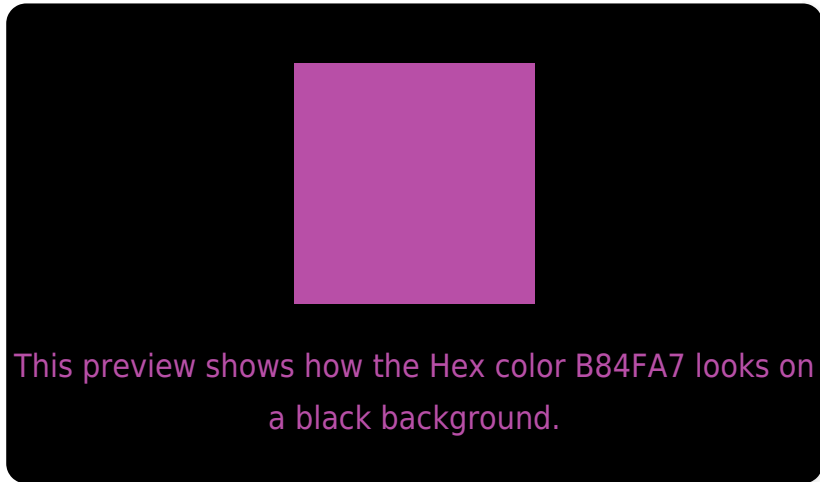
Large Text (above 18pt) WCAG AA ✓ Pass

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 B84FA7 Background



This preview shows how black text looks on a background with the Hex color B84FA7.

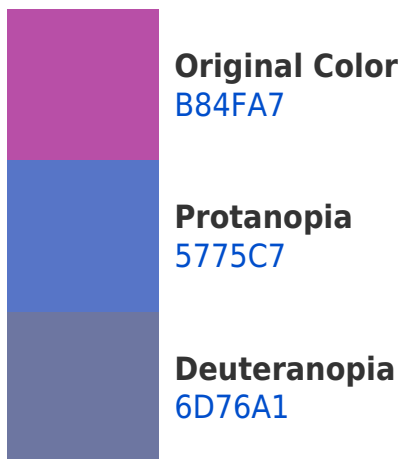


This preview shows how white text looks on a background with the Hex color B84FA7.

# 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**  
B15F66

# Trichromacy



**Original Color**  
B84FA7



**Protanomaly**  
7A67BB



**Deuteranomaly**  
8868A3



**Tritanomaly**  
B4597E

# Monochromacy



**Original Color**  
B84FA7



**Achromatopsia**  
787878



**Achromatomaly**  
8F6989

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B84FA7 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 #B84FA7 looks like.

```
.text, #text, p{  
    color:#B84FA7  
}
```

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 #B84FA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B84FA7
}
```

## Border

The CSS property to change the border of an element to Hex B84FA7 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
#B84FA7 }
```

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

```
.border{ border-color:#B84FA7 }
```

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

Here you see how a box with a 4 pixel #B84FA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B84FA7; -webkit-box-shadow:4px 4px  
4px 4px #B84FA7; box-shadow:4px 4px 4px  
4px #B84FA7 }
```

# Background

The CSS property to change the background color of an element to Hex B84FA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B84FA7 }
```

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

```
.background{ background-color:#B84FA7 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor