

# Converting Colors

Hex(B684A3)

Have a look what the booklet for  
Hex(B684A3) contains.

<b>Hex(B684A3)</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(B684A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B684A3
RGB	182, 132, 163
RGB Percent	71%, 52%, 64%
CMY	0.2863, 0.4824, 0.3608
CMYK	0.00, 0.27, 0.10, 0.29
HSL	323°, 26%, 62%
HSV	323°, 27%, 71%
XYZ	34.1535, 29.0920, 38.4656
YIQ	150.4840, 19.8490, 20.2410

# Conversions

## Conversions Part 2

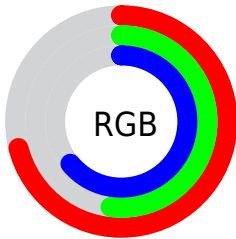
Format	Color
<a href="#">RYB</a>	<a href="#">182, 132, 163</a>
Decimal	<a href="#">11961507</a>
CIELab	<a href="#">60.86, 24.16, -8.86</a>
CIELCh	<a href="#">61, 25.739, 339.860</a>
Yxy	<a href="#">29.0920, 0.3358, 0.2860</a>
Android (android.graphics.Color)	<a href="#">4290151587</a> ( <a href="#">0xFFB684A3</a> )
YUV	<a href="#">150.4840, 6.1704, 27.6395</a>
Hunter-Lab	<a href="#">53.9370, 18.6387, -4.5272</a>

# Details

The Hex color **B684A3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **84B697**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **EEBADA**, and **80526F** is the 20% darker color. If you saturate the color by 10%, you get **B6729C**, and if you desaturate by 10%, it is **B696AA**.

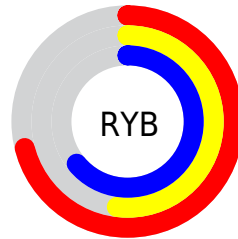
# Distribution



Red (71%)

Green (52%)

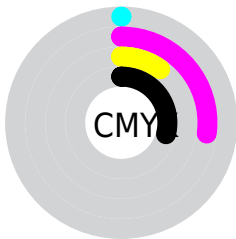
Blue (64%)



Red (71%)

Yellow (52%)

Blue (64%)

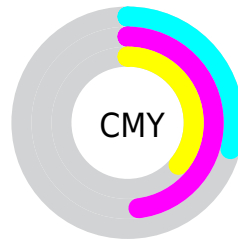


Cyan (0%)

Magenta (27%)

Yellow (10%)

Black (29%)



Cyan (29%)

Magenta (48%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B684A3 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 B684A3 by changing the saturation by 10% instead.



 B684A3

 B684A3

FFFFFF

 9B6A89

 EEBADA

 80526F

 FFD5F6

 673A57

 FFF2FF

 4E2340

 360D2A


 230016

 000000

 B684A3

 B684A3

 B6729C

 B696AA

 B66095

 B6A8B1

 B64D8E

 B6BBB8

 B63B87

 B6CDBF

 B62980

 B6DFC6

 B6177A

 B6F1CC

 B60573

 B6FFD3

 B60071

 B6FFDA

 B6FFE1

# Harmonies

## Analogous

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



A08AB6



B684A3



C0828C

# Triad

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



B684A3



9B9466



4D9EAF

# Complementary

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



B684A3



84B697

# 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.



52A09A



B684A3



829A6F

# Square

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



B684A3



B08C69



689E82



6099BD

# Rectangle

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



B684A3



C0847D



689E82



4C9FA9



# Sweetspot

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



B684A3



EDDAE6



9684B6



786C73



F7F7F7



787878



# Same Dimension

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



B684A3



ED9FCF



B6848B



5C5358



9C0060



1C0011



# Inverse Universe

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



B684A3



ED9FCF



84B6AF



5C5358



9C0060

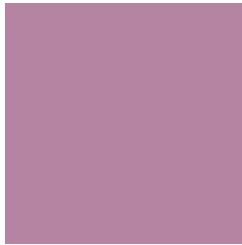


1C0011



# Previews

## White Background



This preview shows how the Hex color B684A3 looks on a white background.

## Color Contrast Check

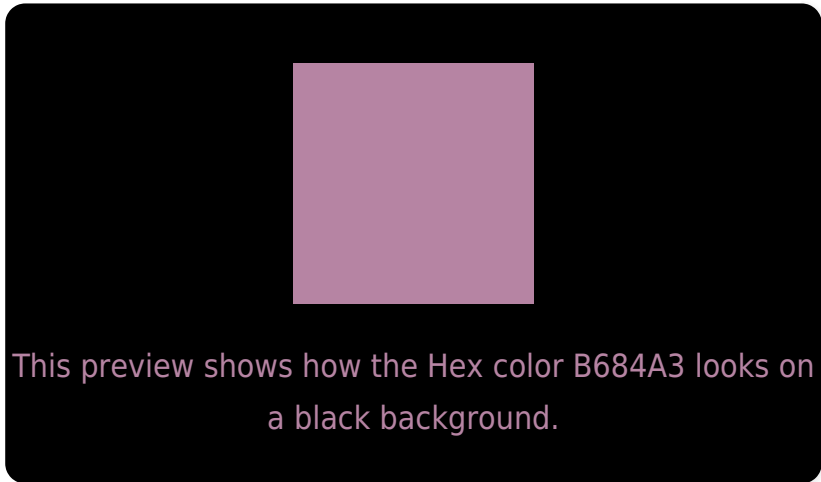
Large Text (above 18pt) WCAG AA ✓ Pass

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

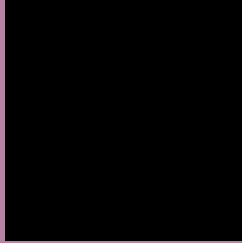
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B684A3 Background



This preview shows how black text looks on a background with the Hex color B684A3.

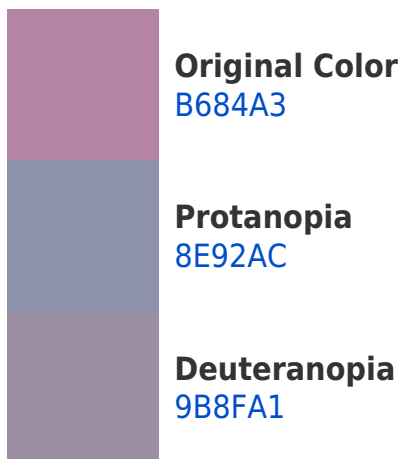


This preview shows how white text looks on a background with the Hex color B684A3.

# 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](#).

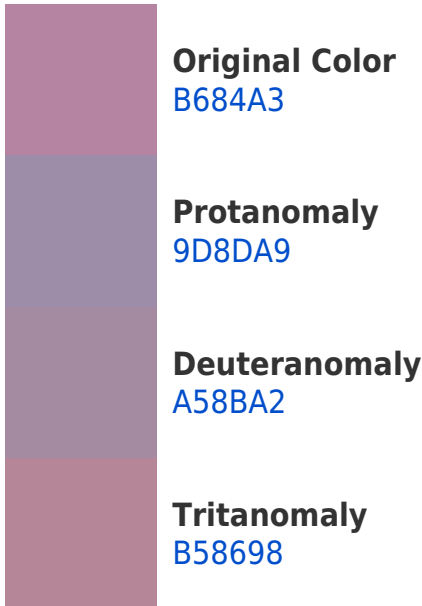
## Dichromacy



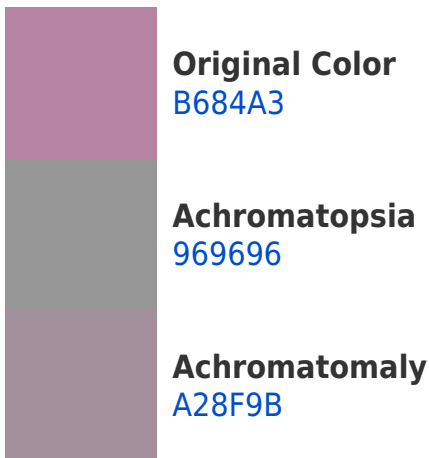


**Tritanopia**  
B48791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B684A3 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 #B684A3 looks like.

```
.text, #text, p{  
    color:#B684A3  
}
```

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 #B684A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B684A3
}
```

## Border

The CSS property to change the border of an element to Hex B684A3 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
#B684A3 }
```

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

```
.border{ border-color:#B684A3 }
```

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

Here you see how a box with a 4 pixel #B684A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B684A3; -webkit-box-shadow:4px 4px  
4px 4px #B684A3; box-shadow:4px 4px 4px  
4px #B684A3 }
```

# Background

The CSS property to change the background color of an element to Hex B684A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B684A3 }
```

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

```
.background{ background-color:#B684A3 }
```

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