

# Converting Colors

Hex(B585AF)

Have a look what the booklet for  
Hex(B585AF) contains.

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# **Color**

**Hex(B585AF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B585AF
RGB	181, 133, 175
RGB Percent	71%, 52%, 69%
CMY	0.2902, 0.4784, 0.3137
CMYK	0.00, 0.27, 0.03, 0.29
HSL	308°, 24%, 62%
HSV	308°, 27%, 71%
XYZ	35.1814, 29.6940, 44.4347
YIQ	152.1400, 15.1260, 23.2380

# Conversions

## Conversions Part 2

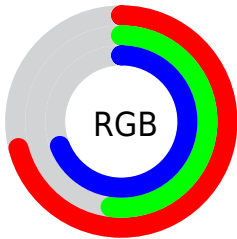
Format	Color
<a href="#">RYB</a>	<a href="#">181, 133, 175</a>
Decimal	<a href="#">11896239</a>
CIELab	<a href="#">61.39, 25.43, -14.92</a>
CIElCh	<a href="#">61, 29.480, 329.597</a>
Yxy	<a href="#">29.6940, 0.3218, 0.2716</a>
Android (android.graphics.Color)	<a href="#">4290086319</a> ( <a href="#">0xFFB585AF</a> )
YUV	<a href="#">152.1400, 11.2700, 25.3102</a>
Hunter-Lab	<a href="#">54.4922, 19.8826, -10.2025</a>

# Details

The Hex color **B585AF** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **85B58B**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **EDBBE7**, and **7F537A** is the 20% darker color. If you saturate the color by 10%, you get **B573AD**, and if you desaturate by 10%, it is **B597B1**.

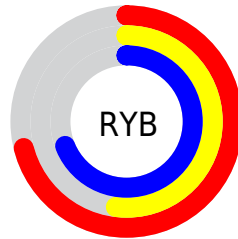
# Distribution



Red (71%)

Green (52%)

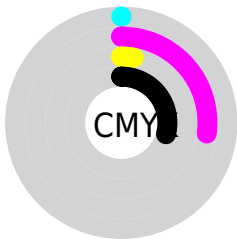
Blue (69%)



Red (71%)

Yellow (52%)

Blue (69%)

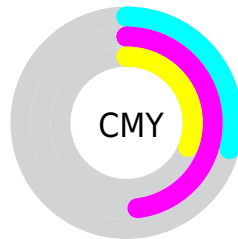


Cyan (0%)

Magenta (27%)

Yellow (3%)

Black (29%)



Cyan (29%)

Magenta (48%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B585AF 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 B585AF by changing the saturation by 10% instead.





B585AF



B585AF

FFFFFF



9A6B94



EDBBE7



7F537A



FFD6FF



663B62



FFF3FF



4D244A



360E33



22001E



000000



B585AF



B585AF



B573AD



B597B1

 B561AA

 B5A9B4

 B54FA8

 B5BBB6

 B53DA6

 B5CDB8

 B52BA4

 B5E0BA

 B518A1

 B5F2BD

 B5069F

 B5FFBF

 B5009E

 B5FFC1

 B5FFC3

# Harmonies

## Analogous

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



978EC1



B585AF



C58196

# Triad

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



B585AF



A69260



3BA2AD

# Complementary

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



B585AF



85B58B

# 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.



4EA293



B585AF



8B9A66

# Square

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



B585AF



BC8A68



6DA079



4A9EC0

# Rectangle

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



B585AF



C88184



6DA079



3EA2A5



# Sweetspot

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



B585AF



EBD8E8



8B85B5



756A74



F5F5F5



757575



# Same Dimension

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



B585AF



EBA0E1



B58597



595058



990086



1A0016



# Inverse Universe

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



B585AF



EBA0E1



85B5A3



595058



990086

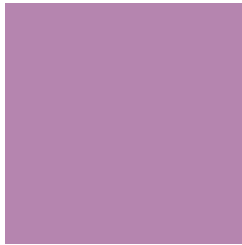


1A0016



# Previews

## White Background



This preview shows how the Hex color B585AF looks on a white background.

## Color Contrast Check

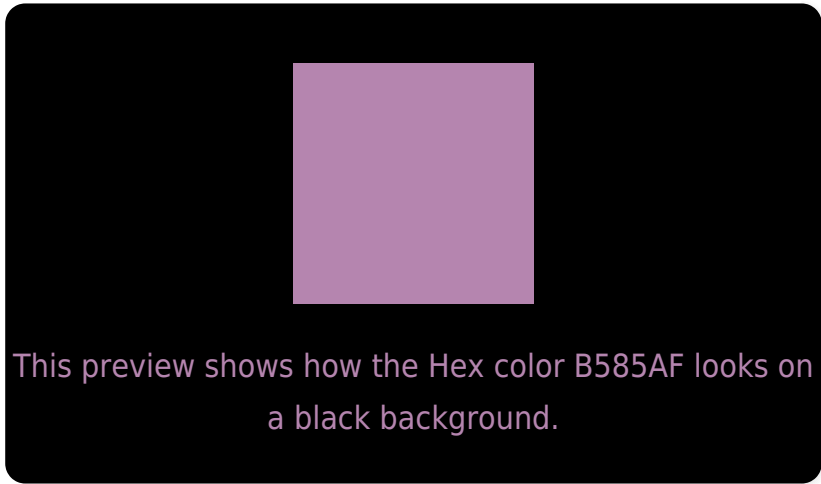
Large Text (above 18pt) WCAG AA ✓ Pass

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

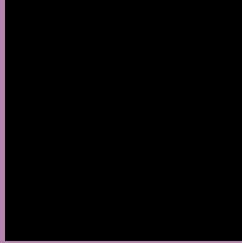
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B585AF Background



This preview shows how black text looks on a background with the Hex color B585AF.

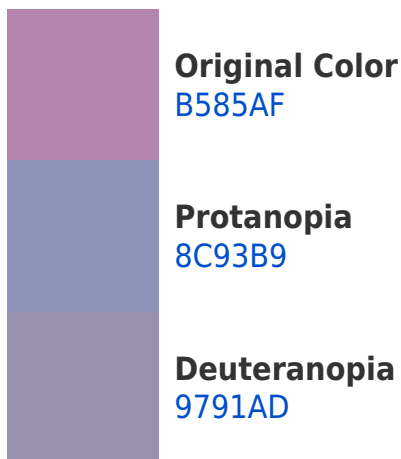


This preview shows how white text looks on a background with the Hex color B585AF.

# 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](#).

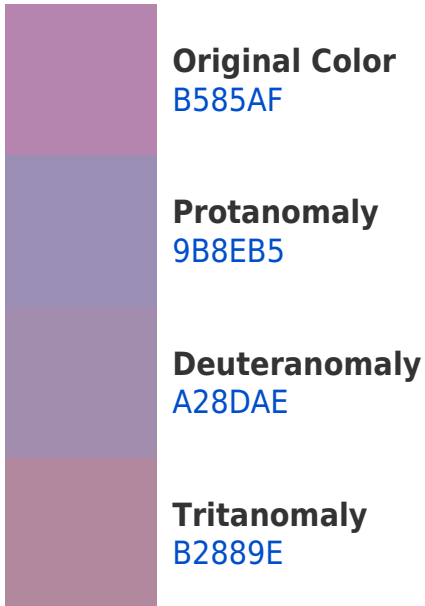
## Dichromacy



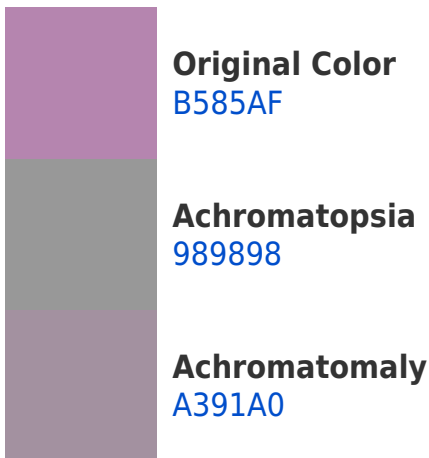


**Tritanopia**  
B18A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B585AF 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 #B585AF looks like.

```
.text, #text, p{  
    color:#B585AF  
}
```

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 #B585AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B585AF
}
```

## Border

The CSS property to change the border of an element to Hex B585AF is called "border". The border property can be set on classes, ids or directly on the HTML element.

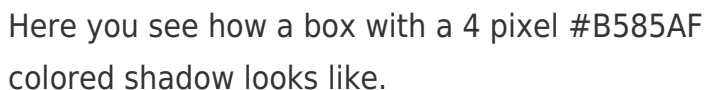
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B585AF }
```

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

```
.border{ border-color:#B585AF }
```

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



Here you see how a box with a 4 pixel #B585AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B585AF; -webkit-box-shadow:4px 4px  
4px 4px #B585AF; box-shadow:4px 4px 4px  
4px #B585AF }
```

# Background

The CSS property to change the background color of an element to Hex B585AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B585AF }
```

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

```
.background{ background-color:#B585AF }
```

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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