

# Converting Colors

Hex(B584B5)

Have a look what the booklet for  
Hex(B584B5) contains.

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# **Color**

**Hex(B584B5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B584B5
RGB	181, 132, 181
RGB Percent	71%, 52%, 71%
CMY	0.2902, 0.4824, 0.2902
CMYK	0.00, 0.27, 0.00, 0.29
HSL	300°, 25%, 61%
HSV	300°, 27%, 71%
XYZ	35.6478, 29.6625, 47.5626
YIQ	152.2370, 13.4750, 25.6270

# Conversions

## Conversions Part 2

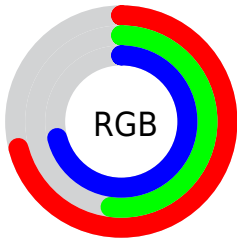
Format	Color
<a href="#">RYB</a>	<a href="#">181, 132, 181</a>
Decimal	<a href="#">11895989</a>
CIELab	<a href="#">61.36, 27.12, -18.37</a>
CIELCh	<a href="#">61, 32.758, 325.893</a>
Yxy	<a href="#">29.6625, 0.3158, 0.2628</a>
Android (android.graphics.Color)	<a href="#">4290086069 (0xFFB584B5)</a>
YUV	<a href="#">152.2370, 14.1802, 25.2252</a>
Hunter-Lab	<a href="#">54.4633, 21.5228, -13.6535</a>

# Details

The Hex color **B584B5** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **84B584**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **EDBAED**, and **7F5280** is the 20% darker color. If you saturate the color by 10%, you get **B572B5**, and if you desaturate by 10%, it is **B596B5**.

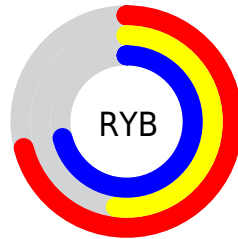
# Distribution



Red (71%)

Green (52%)

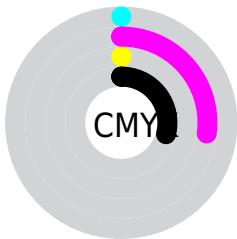
Blue (71%)



Red (71%)

Yellow (52%)

Blue (71%)

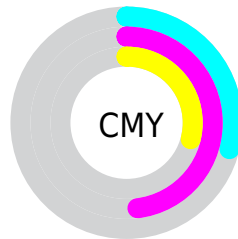


Cyan (0%)

Magenta (27%)

Yellow (0%)

Black (29%)



Cyan (29%)

Magenta (48%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B584B5 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 B584B5 by changing the saturation by 10% instead.





B584B5



B584B5

FFFFFF



9A6A9A



ED8AED



7F5280



FFD5FF



663A67



FFF2FF



4D234F



350C38



220022



000008



000000



B584B5



B584B5

 B572B5

 B596B5

 B560B5

 B5A8B5

 B54EB5

 B5BAB5

 B53CB5

 B5CCB5

 B52AB5

 B5DFB5

 B517B5

 B5F1B5

 B505B5

 B5FFB5

 B500B5

# Harmonies

## Analogous

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



928EC8



B584B5



C97E99

# Triad

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



B584B5



AB915A



24A3AC

# Complementary

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



B584B5



84B584

# 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.



46A38F



B584B5



8E9A5F

# Square

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



B584B5



C18765



6CA073



34A0C3

# Rectangle

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



B584B5



CD7E86



6CA073



2DA4A3



# Sweetspot

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



B584B5



EBD8EB



8484B5



756A75



F5F5F5



757575



# Same Dimension

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



B584B5



EBA0EB



B5849D



595059



990099



1A001A



# Inverse Universe

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



B584B5



EBA0EB



84B59D



595059



990099

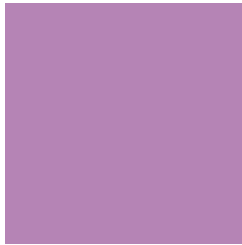


1A001A



# Previews

## White Background



This preview shows how the Hex color B584B5 looks on a white background.

## Color Contrast Check

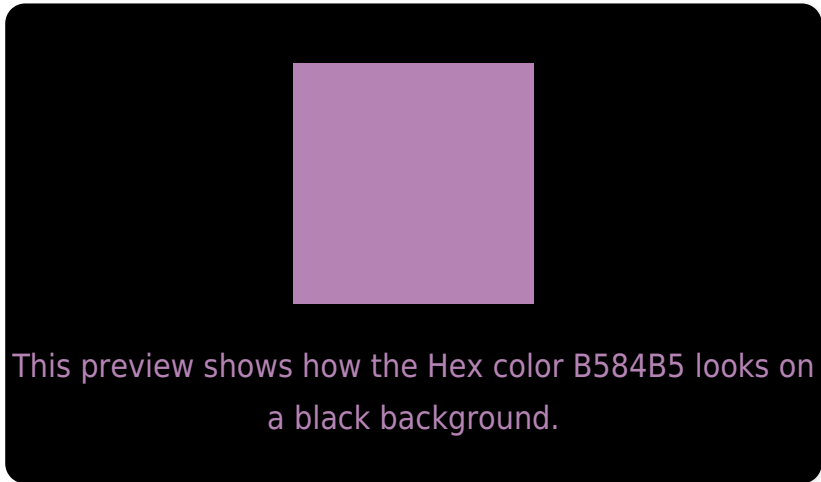
Large Text (above 18pt) WCAG AA ✓ Pass

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

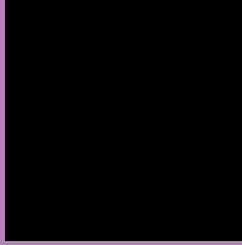
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B584B5 Background



This preview shows how black text looks on a background with the Hex color B584B5.




This preview shows how white text looks on a background with the Hex color B584B5.

# 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](#).

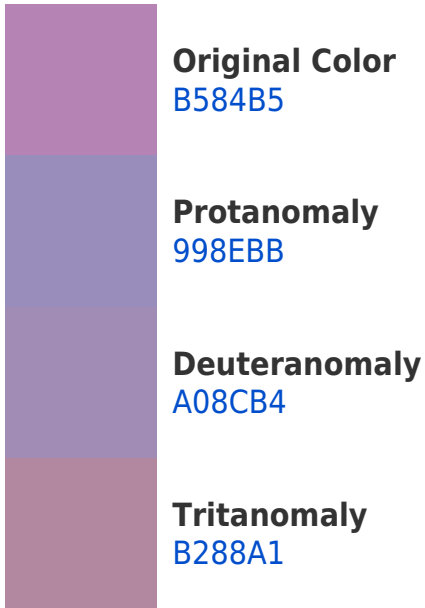
## Dichromacy



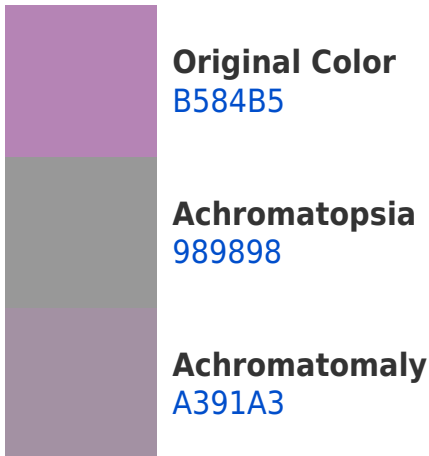


**Tritanopia**  
B18A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B584B5 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 #B584B5 looks like.

```
.text, #text, p{  
    color:#B584B5  
}
```

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 #B584B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B584B5
}
```

## Border

The CSS property to change the border of an element to Hex B584B5 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
#B584B5 }
```

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

```
.border{ border-color:#B584B5 }
```

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

Here you see how a box with a 4 pixel #B584B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B584B5; -webkit-box-shadow:4px 4px  
4px 4px #B584B5; box-shadow:4px 4px 4px  
4px #B584B5 }
```

# Background

The CSS property to change the background color of an element to Hex B584B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B584B5 }
```

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

```
.background{ background-color:#B584B5 }
```

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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