

# Converting Colors

Hex(B58CA3)

Have a look what the booklet for  
Hex(B58CA3) contains.

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# **Color**

**Hex(B58CA3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B58CA3
RGB	181, 140, 163
RGB Percent	71%, 55%, 64%
CMY	0.2902, 0.4510, 0.3608
CMYK	0.00, 0.23, 0.10, 0.29
HSL	326°, 22%, 63%
HSV	326°, 23%, 71%
XYZ	35.0450, 31.2243, 38.8301
YIQ	154.8810, 17.0530, 15.8450

# Conversions

## Conversions Part 2

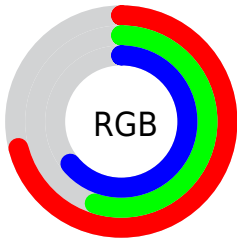
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 140, 163
Decimal	11898019
CIE <sub>Lab</sub>	62.70, 19.33, -6.15
CIE <sub>LCh</sub>	63, 20.280, 342.360
Yxy	31.2243, 0.3334, 0.2971
Android (android.graphics.Color)	4290088099 (0xFFB58CA3)
YUV	154.8810, 4.0027, 22.9064
Hunter-Lab	55.8787, 14.1608, -2.0856

# Details

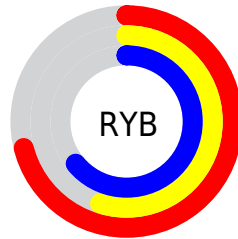
The Hex color **B58CA3** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **8CB59E**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **EDC2DA**, and **805A6F** is the 20% darker color. If you saturate the color by 10%, you get **B57A9B**, and if you desaturate by 10%, it is **B59EAB**.

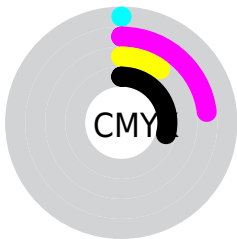
# Distribution



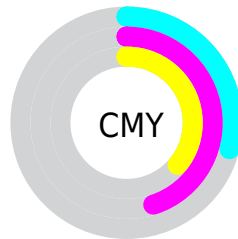
- Red (71%)
- Green (55%)
- Blue (64%)



- Red (71%)
- Yellow (55%)
- Blue (64%)



- Cyan (0%)
- Magenta (23%)
- Yellow (10%)
- Black (29%)



- Cyan (29%)
- Magenta (45%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B58CA3 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 B58CA3 by changing the saturation by 10% instead.



 B58CA3

 B58CA3

FFFFFF

 9A7289

 EDC2DA

 805A6F

 FFDEF6

 664257

 FFFAFF

 4E2B40

 36162A

 220016

 000000

 B58CA3

 B58CA3

 B57A9B

 B59EAB

 B56893

 B5B0B3

 B5568B

 B5C2BB

 B54483

 B5D4C3

 B5327B

 B5E7CB

 B51F73

 B5F9D3

 B50D6B

 B5FFDB

 B50066

 B5FFE3

 B5FFEB

# Harmonies

## Analogous

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



A491B2



B58CA3



BD8B91

# Triad

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



B58CA3



9E9974



66A0AF

# Complementary

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



B58CA3



8CB59E

# 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.



67A29F



B58CA3



899E7D

# Square

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



B58CA3



AF9376



75A18C



759CB9

# Rectangle

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



B58CA3



BC8C85



75A18C



65A1AA



# Sweetspot

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



B58CA3



EBDAE3



9E8CB5



756C71



F5F5F5



757575



# Same Dimension

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



B58CA3



EBABCF



B58C8F



595055



990056



1A000E



# Inverse Universe

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



B58CA3



EBABCF



8CB5B2



595055



990056

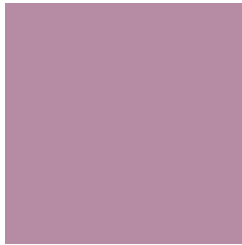


1A000E



# Previews

## White Background



This preview shows how the Hex color B58CA3 looks on a white background.

## Color Contrast Check

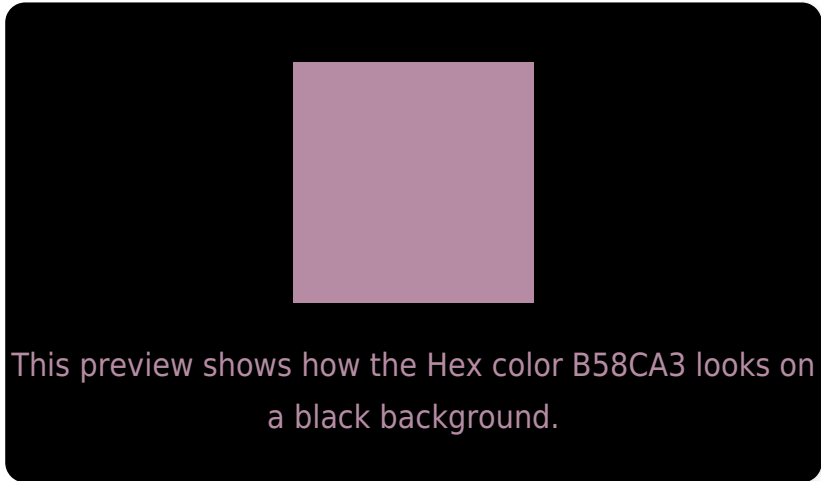
Large Text (above 18pt) WCAG AA × Fail

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

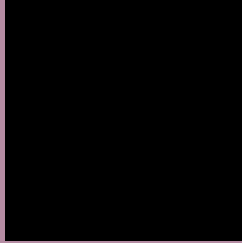
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B58CA3 Background



This preview shows how black text looks on a background with the Hex color B58CA3.

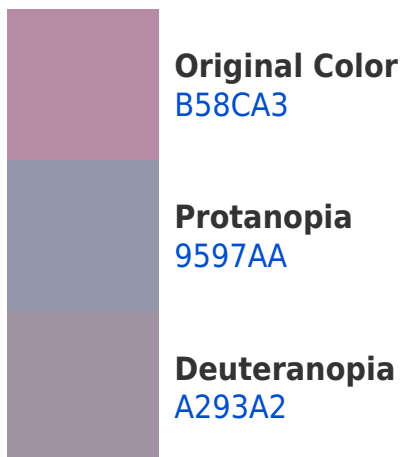


This preview shows how white text looks on a background with the Hex color B58CA3.

# 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**  
B48E99

# Trichromacy



**Original Color**  
B58CA3

**Protanomaly**  
A193A7

**Deuteranomaly**  
A990A2

**Tritanomaly**  
B48D9D

# Monochromacy



**Original Color**  
B58CA3

**Achromatopsia**  
9B9B9B

**Achromatomaly**  
A4969E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B58CA3 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 #B58CA3 looks like.

```
.text, #text, p{  
    color:#B58CA3  
}
```

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 #B58CA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B58CA3
}
```

## Border

The CSS property to change the border of an element to Hex B58CA3 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
#B58CA3 }
```

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

```
.border{ border-color:#B58CA3 }
```

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

Here you see how a box with a 4 pixel #B58CA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B58CA3; -webkit-box-shadow:4px 4px  
4px 4px #B58CA3; box-shadow:4px 4px 4px  
4px #B58CA3 }
```

# Background

The CSS property to change the background color of an element to Hex B58CA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B58CA3 }
```

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

```
.background{ background-color:#B58CA3 }
```

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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