

# Converting Colors

Hex(BA59B1)

Have a look what the booklet for  
Hex(BA59B1) contains.

<b>Hex(BA59B1)</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(**BA59B1**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA59B1
RGB	186, 89, 177
RGB Percent	73%, 35%, 69%
CMY	0.2706, 0.6510, 0.3059
CMYK	0.00, 0.52, 0.05, 0.27
HSL	306°, 41%, 54%
HSV	306°, 52%, 73%
XYZ	31.7579, 20.7582, 43.9279
YIQ	128.0350, 29.5640, 47.9320

# Conversions

## Conversions Part 2

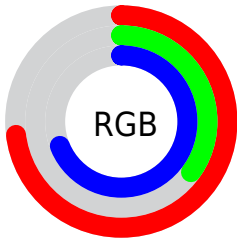
Format	Color
<a href="#">RYB</a>	<a href="#">186, 89, 177</a>
Decimal	<a href="#">12212657</a>
CIELab	<a href="#">52.68, 50.91, -29.36</a>
CIELCh	<a href="#">53, 58.766, 330.023</a>
Yxy	<a href="#">20.7582, 0.3293, 0.2152</a>
Android (android.graphics.Color)	<a href="#">4290402737 (0xFFBA59B1)</a>
YUV	<a href="#">128.0350, 24.1397, 50.8353</a>
Hunter-Lab	<a href="#">45.5612, 44.6894, -25.2718</a>

# Details

The Hex color **BA59B1** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **59BA62**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **F48FE9**, and **82227C** is the 20% darker color. If you saturate the color by 10%, you get **BA46AF**, and if you desaturate by 10%, it is **BA6CB3**.

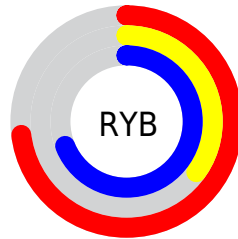
# Distribution



Red (73%)

Green (35%)

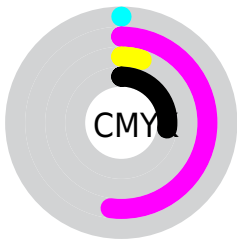
Blue (69%)



Red (73%)

Yellow (35%)

Blue (69%)

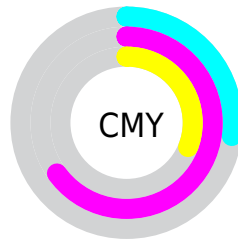


Cyan (0%)

Magenta (52%)

Yellow (5%)

Black (27%)



Cyan (27%)

Magenta (65%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA59B1 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 BA59B1 by changing the saturation by 10% instead.



 BA59B1

 BA59B1

FFFFFF

 9E3E96

 F48FE9

 82227C

 FFAAFF

 670063

 FFC7FF

 4D004B

 FFE3FF

 350034

 18001E

 000000

 BA59B1

 BA59B1

 BA46AF

 BA6CB3

 BA34AE

 BA7EB4

 BA21AC

 BA91B6

 BA0FAA

 BAA3B8

 BA00A9

 BAB6BA

 BAC9BB

 BADBBD

 BAEEBF

 BAFFC1

# Harmonies

## Analogous

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



7C70D6



BA59B1



D64B80

# Triad

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



BA59B1



967B00



0095AF

# Complementary

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



BA59B1



59BA62

# 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.



00957C



BA59B1



648919

# Square

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



BA59B1



BD6823



009148



0090D5

# Rectangle

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



BA59B1



D84E5E



009148



00959F



# Sweetspot

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



BA59B1



F2CBEF



6159BA



7A6378



F9FAFA



7A7A7A



# Same Dimension

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



BA59B1



F25AE4



BA5981



5C535B



9C008D



1C0019



# Inverse Universe

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



BA59B1



F25AE4



59BA92



5C535B



9C008D



1C0019



# Previews

## White Background



This preview shows how the Hex color BA59B1 looks on a white background.

## Color Contrast Check

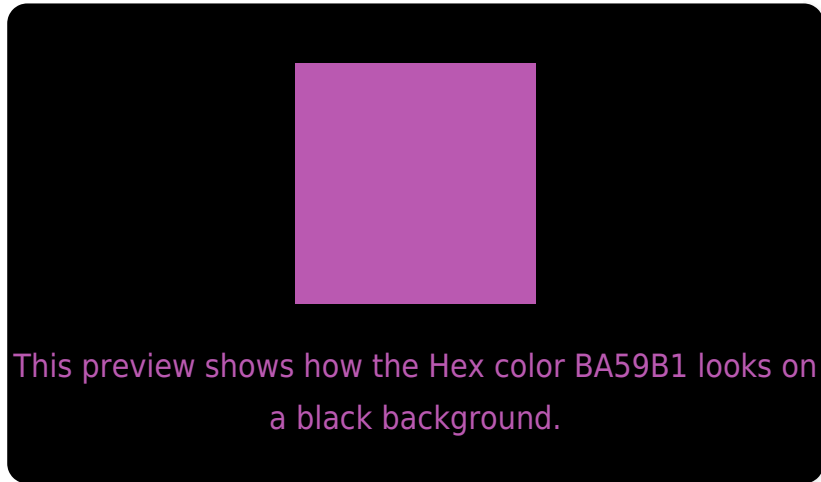
Large Text (above 18pt) WCAG AA ✓ Pass

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

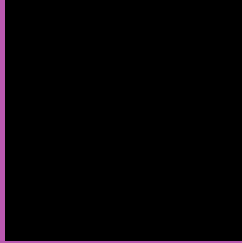
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BA59B1 Background



This preview shows how black text looks on a background with the Hex color BA59B1.

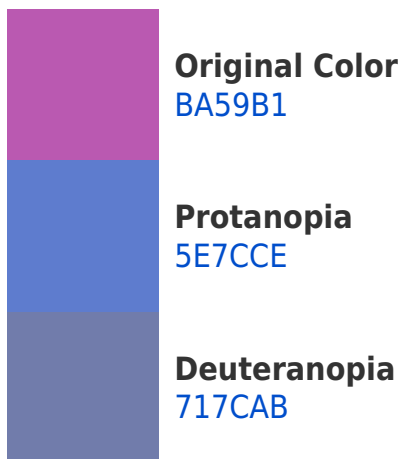


This preview shows how white text looks on a background with the Hex color BA59B1.

# 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](#).

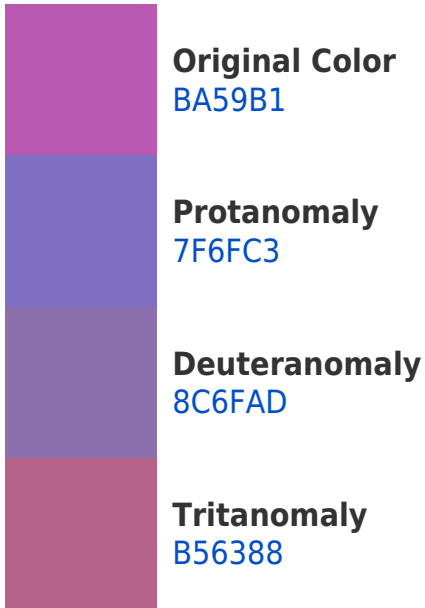
## Dichromacy



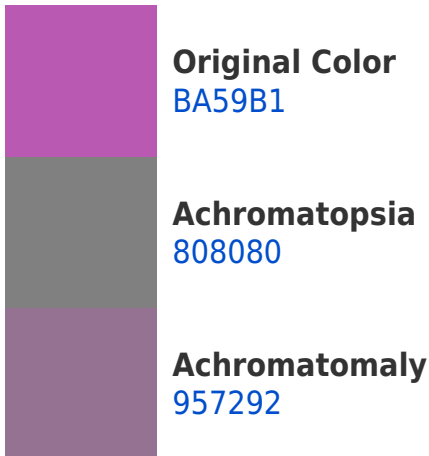


**Tritanopia**  
B26970

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA59B1 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 #BA59B1 looks like.

```
.text, #text, p{  
    color:#BA59B1  
}
```

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 #BA59B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA59B1
}
```

## Border

The CSS property to change the border of an element to Hex BA59B1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

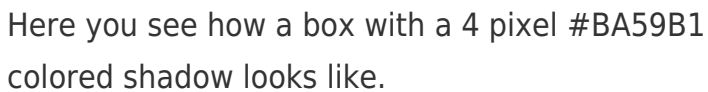
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BA59B1 }
```

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

```
.border{ border-color:#BA59B1 }
```

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



Here you see how a box with a 4 pixel #BA59B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA59B1; -webkit-box-shadow:4px 4px  
4px 4px #BA59B1; box-shadow:4px 4px 4px  
4px #BA59B1 }
```

# Background

The CSS property to change the background color of an element to Hex BA59B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA59B1 }
```

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

```
.background{ background-color:#BA59B1 }
```

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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