

# Converting Colors

Hex(B4597A)

Have a look what the booklet for  
Hex(B4597A) contains.

<b>Hex(B4597A)</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(B4597A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B4597A
RGB	180, 89, 122
RGB Percent	71%, 35%, 48%
CMY	0.2941, 0.6510, 0.5216
CMYK	0.00, 0.51, 0.32, 0.29
HSL	338°, 38%, 53%
HSV	338°, 51%, 71%
XYZ	25.9076, 18.2532, 20.5701
YIQ	119.9710, 43.6430, 29.5550

# Conversions

## Conversions Part 2

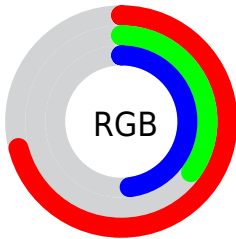
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	180, 89, 122
Decimal	11819386
CIE Lab	49.80, 40.56, -1.31
CIE LCh	50, 40.583, 358.153
Yxy	18.2532, 0.4002, 0.2820
Android (android.graphics.Color)	4290009466 (0xFFB4597A)
YUV	119.9710, 1.0003, 52.6454
Hunter-Lab	42.7238, 33.4755, 1.3604

# Details

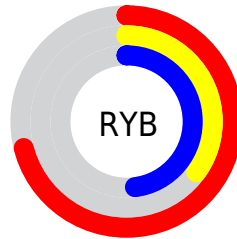
The Hex color **B4597A** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **59B493**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **EE8EAE**, and **7C264A** is the 20% darker color. If you saturate the color by 10%, you get **B4476F**, and if you desaturate by 10%, it is **B46B85**.

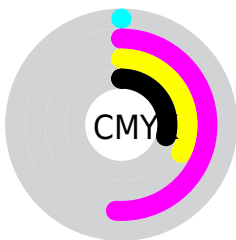
# Distribution



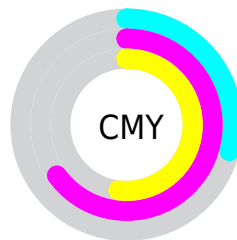
- Red (71%)
- Green (35%)
- Blue (48%)



- Red (71%)
- Yellow (35%)
- Blue (48%)



- Cyan (0%)
- Magenta (51%)
- Yellow (32%)
- Black (29%)



- Cyan (29%)
- Magenta (65%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4597A 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 B4597A by changing the saturation by 10% instead.



 B4597A

 B4597A

FFFFFF

 983F61

 EE8EAE

 7C264A

 FFA9CA

 610733

 FFC5E6

 47001E

 FFE1FF

 310004

FFFEFF

 000000

 B4597A

 B4597A

 B4476F

 B46B85

 B43563

 B47D91

 B42358

 B48F9C

 B4114C

 B4A1A8

 B40041

 B4B3B3

 B4C5BF

 B4D7CA

 B4E9D6

 B4FBE1

# Harmonies

## Analogous

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



9F619B



B4597A



B65C58

# Triad

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



B4597A



6A7E37



0083B0

# Complementary

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



B4597A



59B493

# 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.



008796



B4597A



3E8551

# Square

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



B4597A



8C742F



008873



2D7BBB

# Rectangle

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



B4597A



AD6344



008873



0085A9



# Sweetspot

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



B4597A



EBC7D4



9359B4



756068



F5F5F5



757575



# Same Dimension

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



B4597A



EB5B8F



B46559



595054



990037



1A0009



# Inverse Universe

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



B4597A



EB5B8F



59A8B4



595054



990037

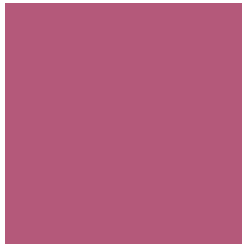


1A0009



# Previews

## White Background



This preview shows how the Hex color B4597A looks on a white background.

## Color Contrast Check

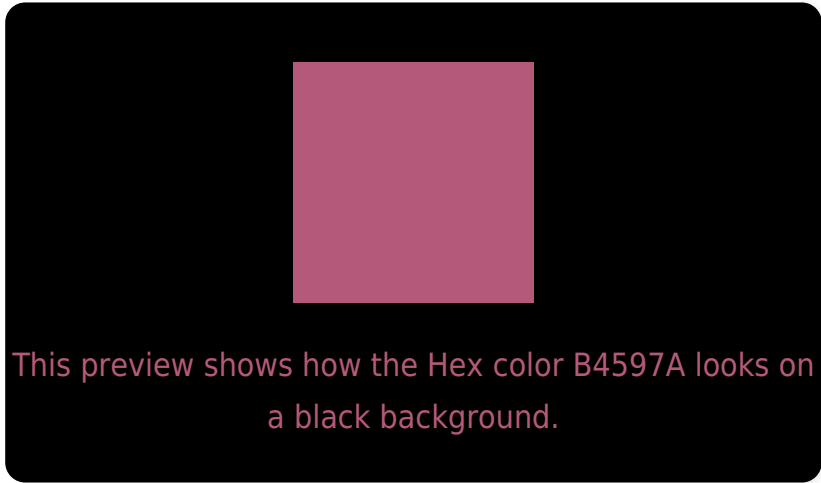
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 B4597A Background



This preview shows how black text looks on a background with the Hex color B4597A.



This preview shows how white text looks on a background with the Hex color B4597A.

# 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



**Original Color**  
B4597A

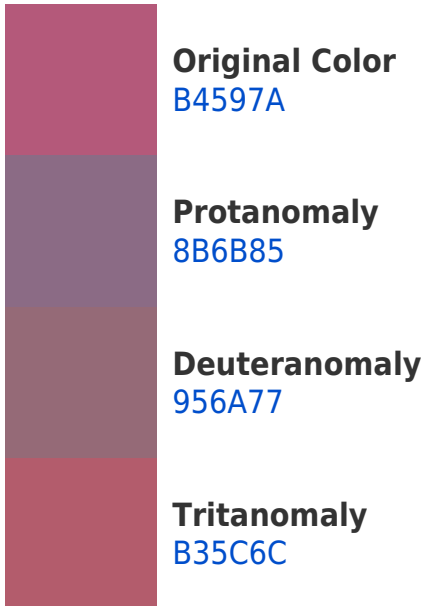
**Protanopia**  
73768C

**Deuteranopia**  
837376



**Tritanopia**  
B25D64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4597A 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 #B4597A looks like.

```
.text, #text, p{  
    color:#B4597A  
}
```

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 #B4597A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4597A
}
```

## Border

The CSS property to change the border of an element to Hex B4597A is called "border". The border property can be set on classes, ids or directly on the HTML element.

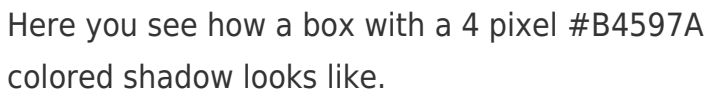
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B4597A }
```

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

```
.border{ border-color:#B4597A }
```

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



Here you see how a box with a 4 pixel #B4597A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4597A; -webkit-box-shadow:4px 4px  
4px 4px #B4597A; box-shadow:4px 4px 4px  
4px #B4597A }
```

# Background

The CSS property to change the background color of an element to Hex B4597A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4597A }
```

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

```
.background{ background-color:#B4597A }
```

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