

# Converting Colors

Hex(B759A4)

Have a look what the booklet for  
Hex(B759A4) contains.

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**Color**

**Hex(B759A4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B759A4
RGB	183, 89, 164
RGB Percent	72%, 35%, 64%
CMY	0.2824, 0.6510, 0.3569
CMYK	0.00, 0.51, 0.10, 0.28
HSL	312°, 39%, 53%
HSV	312°, 51%, 72%
XYZ	29.8017, 19.8924, 37.3909
YIQ	125.6560, 31.9490, 43.2530

# Conversions

## Conversions Part 2

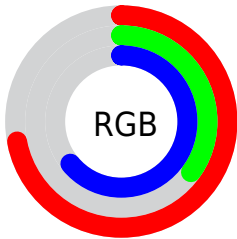
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 89, 164
Decimal	12016036
CIE <sub>Lab</sub>	51.72, 47.80, -23.30
CIE <sub>LCh</sub>	52, 53.182, 334.011
Yxy	19.8924, 0.3422, 0.2284
Android (android.graphics.Color)	4290206116 (0xFFB759A4)
YUV	125.6560, 18.9036, 50.2907
Hunter-Lab	44.6009, 41.2196, -18.4848

# Details

The Hex color **B759A4** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **59B76C**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **F18EDB**, and **802370** is the 20% darker color. If you saturate the color by 10%, you get **B747A0**, and if you desaturate by 10%, it is **B76BA8**.

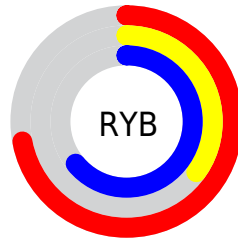
# Distribution



Red (72%)

Green (35%)

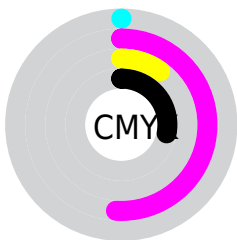
Blue (64%)



Red (72%)

Yellow (35%)

Blue (64%)

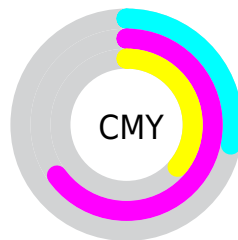


Cyan (0%)

Magenta (51%)

Yellow (10%)

Black (28%)



Cyan (28%)

Magenta (65%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B759A4 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 B759A4 by changing the saturation by 10% instead.



 B759A4

 B759A4

FFFFFF

 9B3F8A

 F18EDB

 802370

 FFAAF8

 650057

 FFC6FF

 4B0040

 FFE3FF

 33002A

 130014

 000000

 B759A4

 B759A4

 B747A0

 B76BA8

 B7349D

 B77EAB

 B72299

 B790AF

 B71095

 B7A2B3

 B70092

 B7B5B6

 B7C7BA

 B7D9BE

 B7EBC2

 B7FEC5

# Harmonies

## Analogous

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



846DC7



B759A4



CD4F77

# Triad

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



B759A4



8D7B13



0090AD

# Complementary

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



B759A4



59B76C

# 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.



009180



B759A4



5E8729

# Square

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



B759A4



B26A26



008E51



008ACD

# Rectangle

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



B759A4



CD5359



008E51



00919F



# Sweetspot

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



B759A4



EDCAE6



6C59B7



786273



F7F7F7



787878



# Same Dimension

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



B759A4



ED5ACF



B75975



5C535A



9C007C



1C0016



# Inverse Universe

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



B759A4



ED5ACF



59B79B



5C535A



9C007C

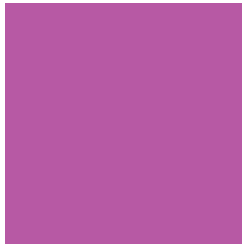


1C0016



# Previews

## White Background



This preview shows how the Hex color B759A4 looks on a white background.

## Color Contrast Check

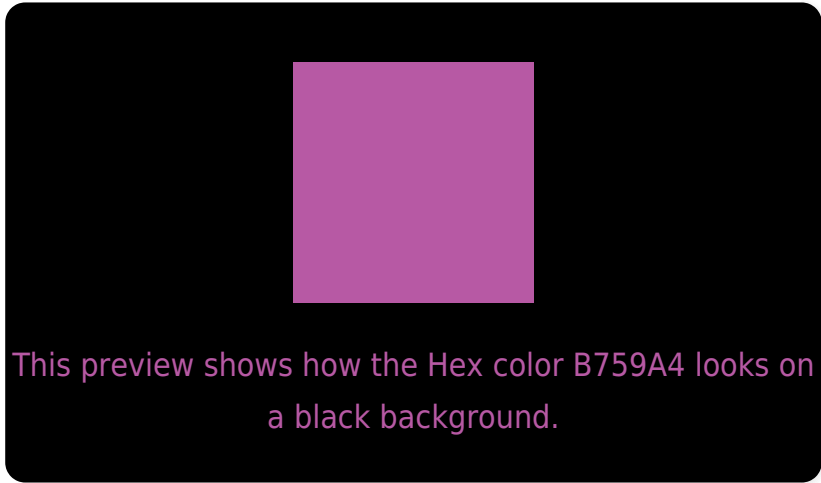
Large Text (above 18pt) WCAG AA ✓ Pass

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 B759A4 Background



This preview shows how black text looks on a background with the Hex color B759A4.

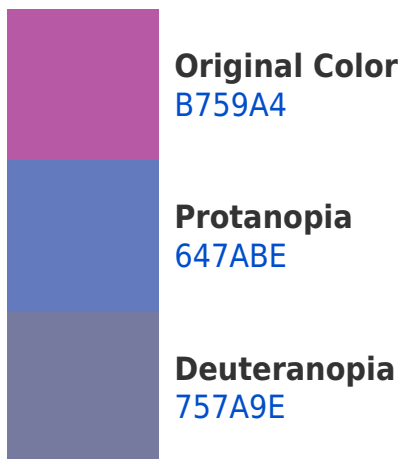



This preview shows how white text looks on a background with the Hex color B759A4.

# 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](#).

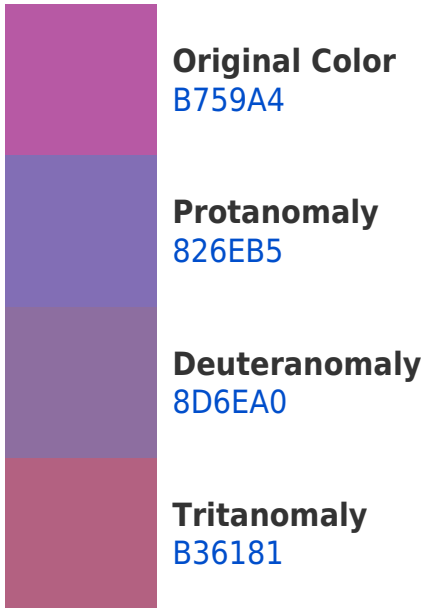
## Dichromacy





**Tritanopia**  
B1666D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B759A4 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 #B759A4 looks like.

```
.text, #text, p{  
    color:#B759A4  
}
```

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 #B759A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B759A4
}
```

## Border

The CSS property to change the border of an element to Hex B759A4 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
#B759A4 }
```

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

```
.border{ border-color:#B759A4 }
```

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

Here you see how a box with a 4 pixel #B759A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B759A4; -webkit-box-shadow:4px 4px  
4px 4px #B759A4; box-shadow:4px 4px 4px  
4px #B759A4 }
```

# Background

The CSS property to change the background color of an element to Hex B759A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B759A4 }
```

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

```
.background{ background-color:#B759A4 }
```

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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