

# Converting Colors

Hex(BE729F)

Have a look what the booklet for  
Hex(BE729F) contains.

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# Color

Hex(**BE729F**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE729F
RGB	190, 114, 159
RGB Percent	75%, 45%, 62%
CMY	0.2549, 0.5529, 0.3765
CMYK	0.00, 0.40, 0.16, 0.25
HSL	324°, 37%, 60%
HSV	324°, 40%, 75%
XYZ	33.5105, 25.4850, 35.9538
YIQ	141.8540, 30.8510, 30.1070

# Conversions

## Conversions Part 2

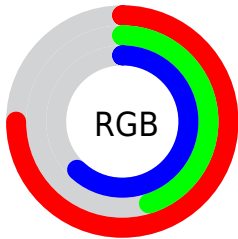
Format	Color
<a href="#">RYB</a>	<a href="#">190, 114, 159</a>
Decimal	<a href="#">12481183</a>
CIELab	<a href="#">57.54, 36.22, -11.44</a>
CIELCh	<a href="#">58, 37.983, 342.478</a>
Yxy	<a href="#">25.4850, 0.3529, 0.2684</a>
Android (android.graphics.Color)	<a href="#">4290671263 (0xFFBE729F)</a>
YUV	<a href="#">141.8540, 8.4530, 42.2240</a>
Hunter-Lab	<a href="#">50.4827, 30.1442, -6.8885</a>

# Details

The Hex color **BE729F** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **72BE91**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **F8A7D6**, and **87406C** is the 20% darker color. If you saturate the color by 10%, you get **BE5F97**, and if you desaturate by 10%, it is **BE85A7**.

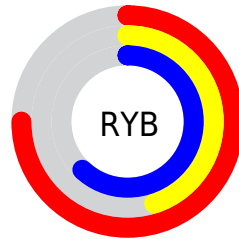
# Distribution



Red (75%)

Green (45%)

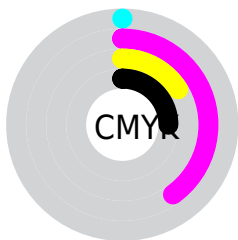
Blue (62%)



Red (75%)

Yellow (45%)

Blue (62%)

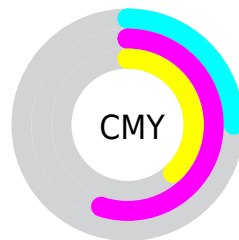


Cyan (0%)

Magenta (40%)

Yellow (16%)

Black (25%)



Cyan (25%)

Magenta (55%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE729F 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 BE729F by changing the saturation by 10% instead.



 BE729F

 BE729F

FFFFFF

 A25885

 F8A7D6

 87406C

 FFC3F2

 6C2753

 FFDFFF

 530C3C

 FFFCFF

 3A0026

 240011

 000000

 BE729F

 BE729F

 BE5F97

 BE85A7

 BE4C90

 BE98AF

 BE3988

 BEABB6

 BE2680

 BEBEBE

 BE1378

 BED1C6

 BE0071

 BEE4CD

 BEF7D5

 BEFFDD

 BEFFE5

# Harmonies

## Analogous

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



9F7CBB



BE729F



CA6F7D

# Triad

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



BE729F



918D48



0099B6

# Complementary

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



BE729F



72BE91

# 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.



009C97



BE729F



6D9558

# Square

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



BE729F



AF814B



3F9A75



2493C9

# Rectangle

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



BE729F



C87368



3F9A75



009BAD



# Sweetspot

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



BE729F



F7DAEB



9072BE



7D6B76



FCFCFC



7D7D7D



# Same Dimension

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



BE729F



F781C7



BE727A



5E555B



9E005E



1F0012



# Inverse Universe

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



BE729F



F781C7



72BEB6



5E555B



9E005E



1F0012



# Previews

## White Background



This preview shows how the Hex color BE729F looks on a white background.

## Color Contrast Check

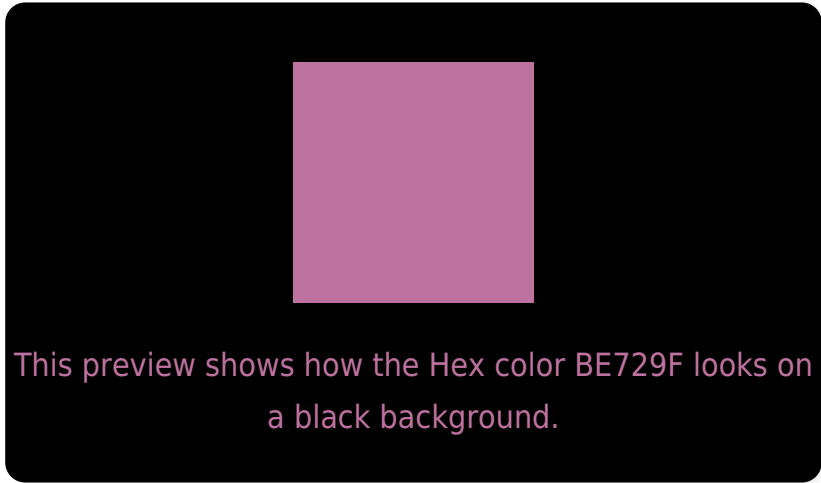
Large Text (above 18pt) WCAG AA ✓ Pass

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 BE729F Background



This preview shows how black text looks on a background with the Hex color BE729F.



This preview shows how white text looks on a background with the Hex color BE729F.

# 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](#).

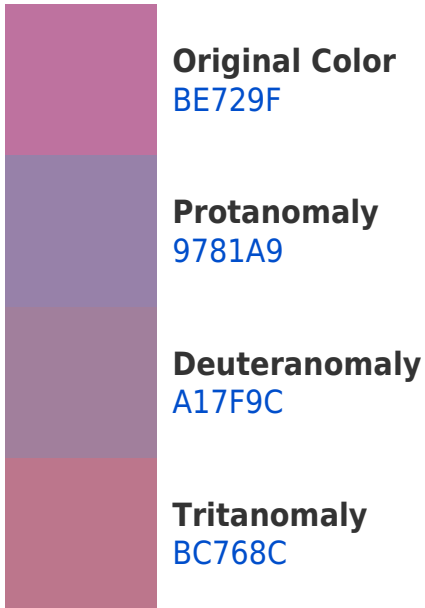
## Dichromacy



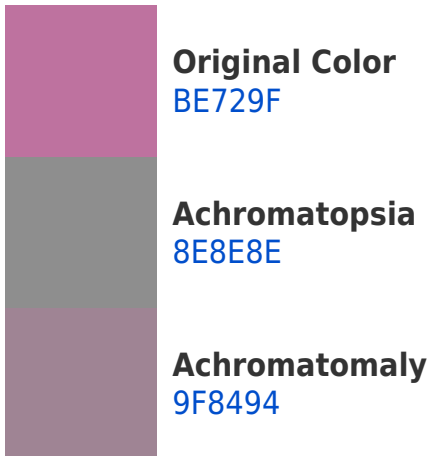


**Tritanopia**  
BB7881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE729F 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 #BE729F looks like.

```
.text, #text, p{  
    color:#BE729F  
}
```

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 #BE729F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE729F
}
```

## Border

The CSS property to change the border of an element to Hex BE729F is called "border". The border property can be set on classes, ids or directly on the HTML element.

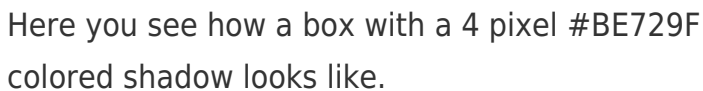
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE729F }
```

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

```
.border{ border-color:#BE729F }
```

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

A rectangular box with a 4px purple shadow. The box is white with a thin purple border and a purple shadow. The shadow is a 4px wide, 4px high, 4px offset purple box. The text inside the box is "Here you see how a box with a 4 pixel #BE729F colored shadow looks like." The box is positioned in the middle of the page.

Here you see how a box with a 4 pixel #BE729F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #BE729F; -webkit-box-shadow:4px 4px 4px 4px #BE729F; box-shadow:4px 4px 4px 4px #BE729F }
```

# Background

The CSS property to change the background color of an element to Hex BE729F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE729F }
```

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

```
.background{ background-color:#BE729F }
```

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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