

Converting Colors

Hex(B4719F)

Have a look what the booklet for
Hex(B4719F) contains.

Hex(B4719F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B4719F)

Conversions

Conversions Part 1

Format	Color
Hex	B4719F
RGB	180, 113, 159
RGB Percent	71%, 44%, 62%
CMY	0.2941, 0.5569, 0.3765
CMYK	0.00, 0.37, 0.12, 0.29
HSL	319°, 31%, 57%
HSV	319°, 37%, 71%
XYZ	30.9855, 24.0168, 35.8035
YIQ	138.2770, 25.1660, 28.5100

Conversions

Conversions Part 2

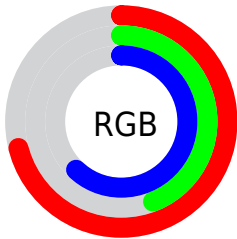
Format	Color
RYB	180, 113, 159
Decimal	11825567
CIELab	56.10, 33.32, -13.73
CIELCh	56, 36.041, 337.614
Yxy	24.0168, 0.3412, 0.2645
Android (android.graphics.Color)	4290015647 (0xFFB4719F)
YUV	138.2770, 10.2164, 36.5911
Hunter-Lab	49.0069, 27.0979, -9.0113

Details

The Hex color **B4719F** is a light color, and the websafe version is hex **996699**. A complement of this color would be **71B486**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **EDA6D6**, and **7E3F6C** is the 20% darker color. If you saturate the color by 10%, you get **B45F99**, and if you desaturate by 10%, it is **B483A5**.

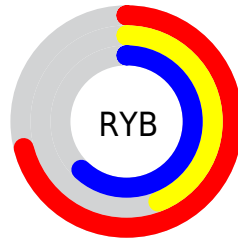
Distribution



Red (71%)

Green (44%)

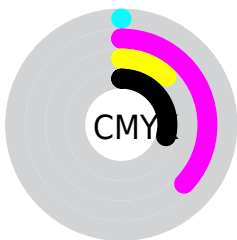
Blue (62%)



Red (71%)

Yellow (44%)

Blue (62%)

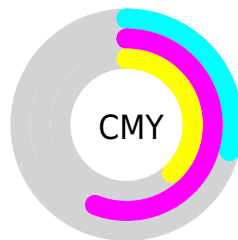


Cyan (0%)

Magenta (37%)

Yellow (12%)

Black (29%)



Cyan (29%)

Magenta (56%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4719F 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 B4719F by changing the saturation by 10% instead.

 B4719F

 B4719F

FFFFFF

 995885

 EDA6D6

 7E3F6C

 FFC1F2

 642753

 FFDEFF

 4B0E3C

 FFFAFF

 330026

 1A0011

 000000

 B4719F

 B4719F

 B45F99

 B483A5

 B44D94

 B495AA

 B43B8E

 B4A7B0

 B42988

 B4B9B6

 B41783

 B4CBBB

 B4057D

 B4DDC1

 B4007C

 B4EFC6

 B4FFCC

 B4FFD2

Harmonies

Analogous

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



947BB8



B4719F



C26D80

Triad

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



B4719F



938747



0095AC

Complementary

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



B4719F



71B486

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.



00978E



B4719F



719053

Square

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



B4719F



AE7C4D



48956E



1B90C0

Rectangle

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



B4719F



C2706B



48956E



0096A2

Sweetspot

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



B4719F



EBD1E3



8571B4



756671



F5F5F5



757575

Same Dimension

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



B4719F



EB81CA



B4717E



595056



990069



1A0012

Inverse Universe

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



B4719F



EB81CA



71B4A7



595056



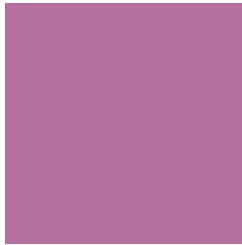
990069



1A0012

Previews

White Background



This preview shows how the Hex color B4719F looks on a white background.

Color Contrast Check

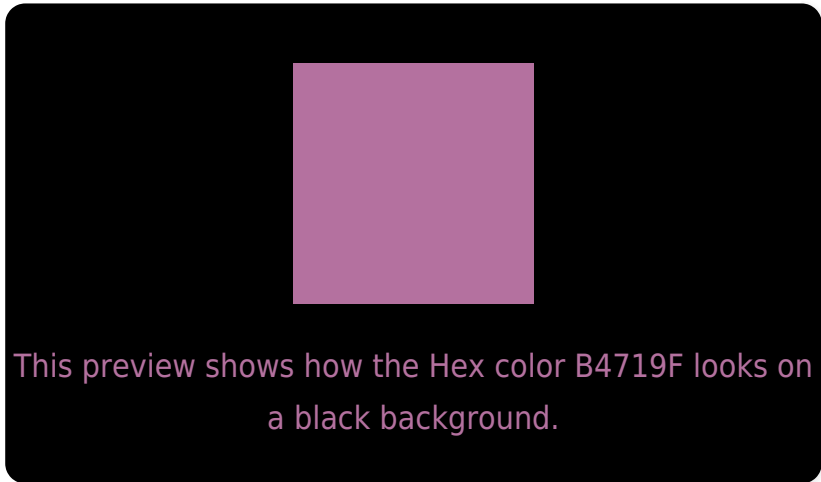
Large Text (above 18pt) WCAG AA ✓ Pass

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

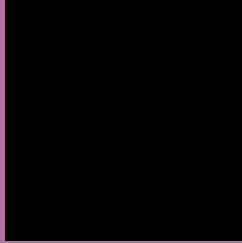
Any Text WCAG AA ✓ Pass

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 B4719F Background



This preview shows how black text looks on a background with the Hex color B4719F.

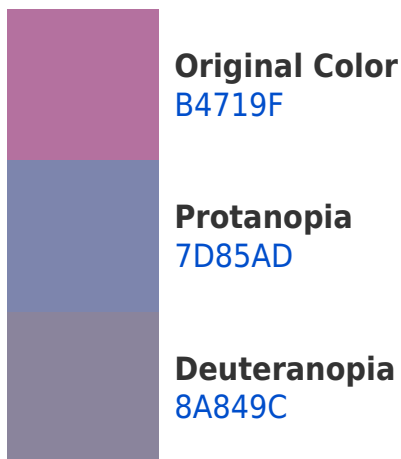


This preview shows how white text looks on a background with the Hex color B4719F.

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](#).

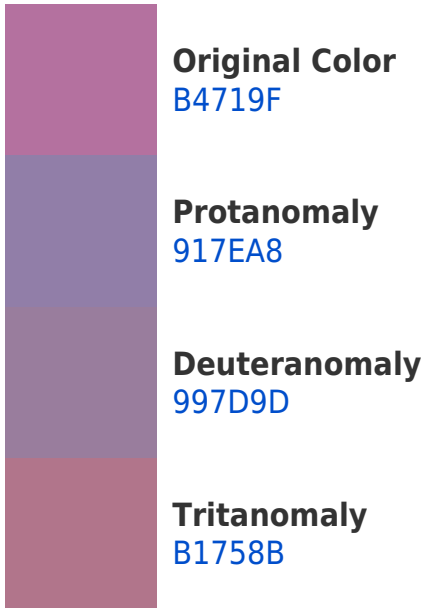
Dichromacy



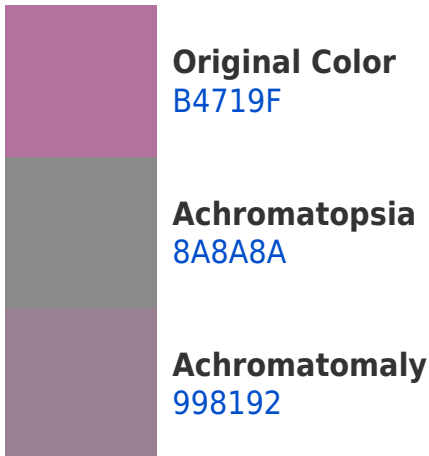


Tritanopia
B07780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4719F 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 #B4719F looks like.

```
.text, #text, p{  
    color:#B4719F  
}
```

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 #B4719F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4719F
}
```

Border

The CSS property to change the border of an element to Hex B4719F is called "border". The border property can be set on classes, ids or directly on the HTML element.

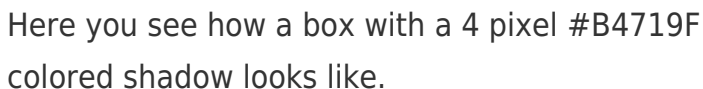
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B4719F }
```

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

```
.border{ border-color:#B4719F }
```

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



Here you see how a box with a 4 pixel #B4719F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4719F; -webkit-box-shadow:4px 4px  
4px 4px #B4719F; box-shadow:4px 4px 4px  
4px #B4719F }
```

Background

The CSS property to change the background color of an element to Hex B4719F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4719F }
```

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

```
.background{ background-color:#B4719F }
```

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