

Converting Colors

Hex(B3789E)

Have a look what the booklet for
Hex(B3789E) contains.

Hex(B3789E)	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(B3789E)

Conversions

Conversions Part 1

Format	Color
Hex	B3789E
RGB	179, 120, 158
RGB Percent	70%, 47%, 62%
CMY	0.2980, 0.5294, 0.3804
CMYK	0.00, 0.33, 0.12, 0.30
HSL	321°, 28%, 59%
HSV	321°, 33%, 70%
XYZ	31.4784, 25.4853, 35.6078
YIQ	141.9730, 22.9660, 24.3260

Conversions

Conversions Part 2

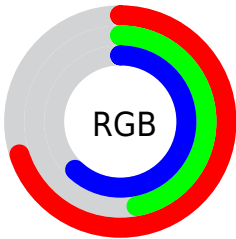
Format	Color
RYB	179, 120, 158
Decimal	11761822
CIELab	57.55, 28.93, -10.99
CIELCh	58, 30.947, 339.199
Yxy	25.4853, 0.3400, 0.2753
Android (android.graphics.Color)	4289951902 (0xFFB3789E)
YUV	141.9730, 7.9013, 32.4727
Hunter-Lab	50.4829, 22.9578, -6.4818

Details

The Hex color **B3789E** is a light color, and the websafe version is hex **996699**. A complement of this color would be **78B38D**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **ECADD5**, and **7D466B** is the 20% darker color. If you saturate the color by 10%, you get **B36698**, and if you desaturate by 10%, it is **B38AA4**.

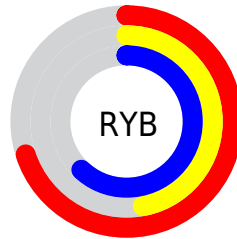
Distribution



Red (70%)

Green (47%)

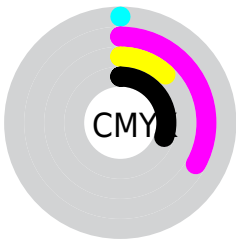
Blue (62%)



Red (70%)

Yellow (47%)

Blue (62%)

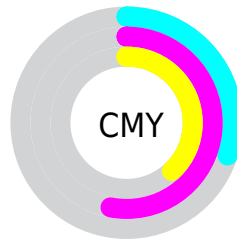


Cyan (0%)

Magenta (33%)

Yellow (12%)

Black (30%)



Cyan (30%)

Magenta (53%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3789E 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 B3789E by changing the saturation by 10% instead.



B3789E



B3789E

FFFFFF



985F84



ECADD5



7D466B



FFC9F1



632F52



FFE5FF



4B173B



330026



1D0010



000000



B3789E



B3789E



B36698



B38AA4

 B35491

 B39CAB

 B3428B

 B3AEB1

 B33085

 B3C0B7

 B31E7E

 B3D1BE

 B30D78

 B3E3C4

 B30073

 B3F5CB

 B3FFD1

 B3FFD7

Harmonies

Analogous

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



9880B4



B3789E



BF7583

Triad

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



B3789E



948B54



2197AB

Complementary

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



B3789E



78B38D

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.



329992



B3789E



77935F

Square

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



B3789E



AC8258



559776



4492BC

Rectangle

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



B3789E



BE7771



559776



2198A4

Sweetspot

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



B3789E



E8D1E0



8D78B3



756770



F5F5F5



757575

Same Dimension

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



B3789E



E88BC7



B37881



595056



990063



1A0010

Inverse Universe

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



B3789E



E88BC7



78B3AA



595056



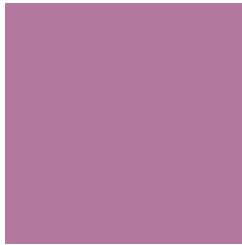
990063



1A0010

Previews

White Background



This preview shows how the Hex color B3789E looks on a white background.

Color Contrast Check

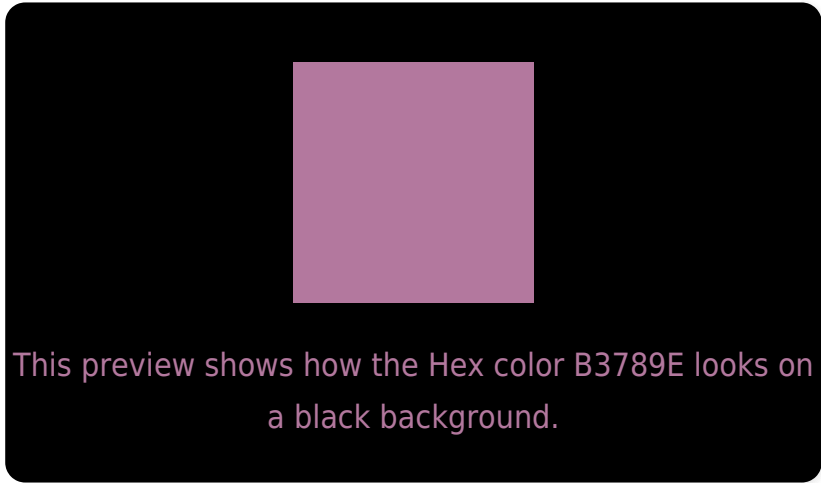
Large Text (above 18pt) WCAG AA ✓ Pass

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

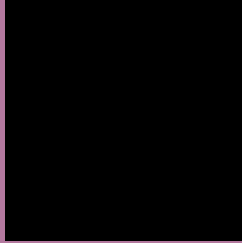
Any Text WCAG AA ✓ Pass

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 B3789E Background



This preview shows how black text looks on a background with the Hex color B3789E.

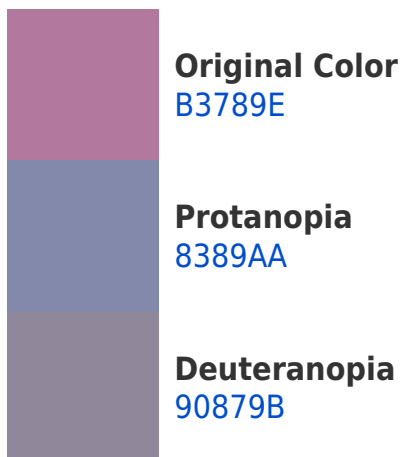



This preview shows how white text looks on a background with the Hex color B3789E.

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
B07C86

Trichromacy



Original Color
B3789E

Protanomaly
9483A6

Deuteranomaly
9D829C

Tritanomaly
B17B8F

Monochromacy



Original Color
B3789E

Achromatopsia
8E8E8E

Achromatomaly
9B8694

CSS Examples

Text

The CSS property to change the color of the text to Hex B3789E 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 #B3789E looks like.

```
.text, #text, p{  
    color:#B3789E  
}
```

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 #B3789E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3789E
}
```

Border

The CSS property to change the border of an element to Hex B3789E is called "border". The border property can be set on classes, ids or directly on the HTML element.

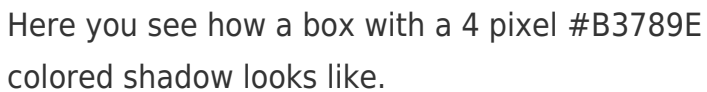
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B3789E }
```

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

```
.border{ border-color:#B3789E }
```

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



Here you see how a box with a 4 pixel #B3789E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3789E; -webkit-box-shadow:4px 4px  
4px 4px #B3789E; box-shadow:4px 4px 4px  
4px #B3789E }
```

Background

The CSS property to change the background color of an element to Hex B3789E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3789E }
```

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

```
.background{ background-color:#B3789E }
```

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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