

# Converting Colors

Hex(B5879E)

Have a look what the booklet for  
Hex(B5879E) contains.

<b>Hex(B5879E)</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(B5879E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5879E
RGB	181, 135, 158
RGB Percent	71%, 53%, 62%
CMY	0.2902, 0.4706, 0.3804
CMYK	0.00, 0.25, 0.13, 0.29
HSL	330°, 24%, 62%
HSV	330°, 25%, 71%
XYZ	33.8916, 29.6203, 36.2788
YIQ	151.3760, 20.0330, 16.9050

# Conversions

## Conversions Part 2

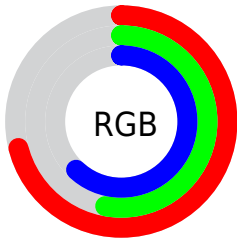
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 135, 158
Decimal	11896734
CIELab	61.33, 21.26, -5.33
CIELCh	61, 21.919, 345.918
Yxy	29.6203, 0.3396, 0.2968
Android (android.graphics.Color)	4290086814 (0xFFB5879E)
YUV	151.3760, 3.2656, 25.9802
Hunter-Lab	54.4246, 15.9136, -1.4248

# Details

The Hex color **B5879E** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **87B59E**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **EDBDD5**, and **7F556B** is the 20% darker color. If you saturate the color by 10%, you get **B57595**, and if you desaturate by 10%, it is **B599A7**.

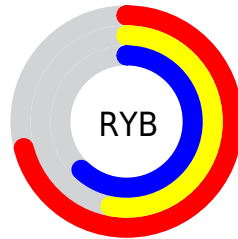
# Distribution



Red (71%)

Green (53%)

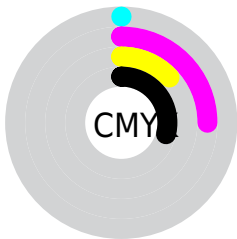
Blue (62%)



Red (71%)

Yellow (53%)

Blue (62%)

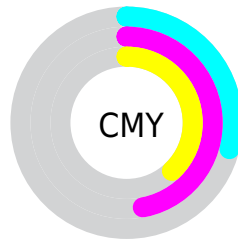


Cyan (0%)

Magenta (25%)

Yellow (13%)

Black (29%)



Cyan (29%)

Magenta (47%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5879E 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 B5879E by changing the saturation by 10% instead.



 B5879E

 B5879E

FFFFFF

 9A6D84

 EDBDD5

 7F556B

 FFD8F1

 663D53

 FFF5FF

 4D273B

 361126

 230011

 000000

 B5879E

 B5879E

 B57595

 B599A7

 B5638C

 B5ABB0

 B55183

 B5BDB9

 B53F7A

 B5CFC2

 B52D71

 B5E2CB

 B51A68

 B5F4D4

 B5085F

 B5FFDD

 B5005B

 B5FFE6

 B5FFEF

# Harmonies

## Analogous

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



A48CAF



B5879E



BC868A

# Triad

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



B5879E



98966F



5E9DAF

# Complementary

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



B5879E



87B59E

# 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.



5E9F9E



B5879E



829B79

# Square

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



B5879E



AB906F



6C9E8A



7099B9

# Rectangle

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



B5879E



BA887E



6C9E8A



5C9EAA



# Sweetspot

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



B5879E



EBD8E1



9E87B5



756A6F



F5F5F5



757575



# Same Dimension

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



B5879E



EBA4C7



B58787



595055



99004D



1A000D



# Inverse Universe

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



B5879E



EBA4C7



87B5B5



595055



99004D

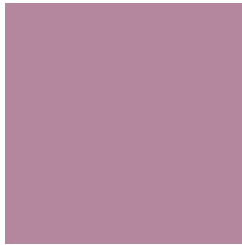


1A000D



# Previews

## White Background



This preview shows how the Hex color B5879E looks on a white background.

## Color Contrast Check

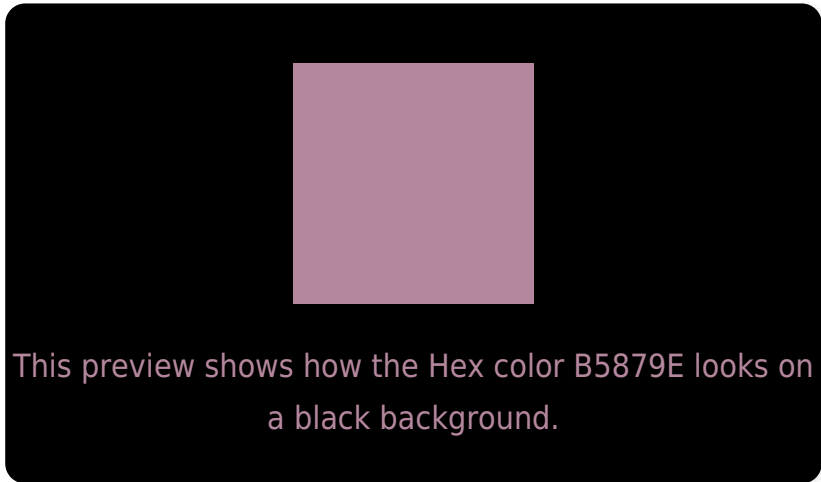
Large Text (above 18pt) WCAG AA ✓ Pass

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 B5879E Background



This preview shows how black text looks on a background with the Hex color B5879E.



This preview shows how white text looks on a background with the Hex color B5879E.

# 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**  
B5879E

**Protanopia**  
9293A6

**Deuteranopia**  
9F909C



**Tritanopia**  
B48993

# Trichromacy



**Original Color**  
B5879E

**Protanomaly**  
9F8FA3

**Deuteranomaly**  
A78D9D

**Tritanomaly**  
B48897

# Monochromacy



**Original Color**  
B5879E

**Achromatopsia**  
979797

**Achromatomaly**  
A2919A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5879E 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 #B5879E looks like.

```
.text, #text, p{  
    color:#B5879E  
}
```

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 #B5879E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5879E
}
```

## Border

The CSS property to change the border of an element to Hex B5879E is called "border". The border property can be set on classes, ids or directly on the HTML element.

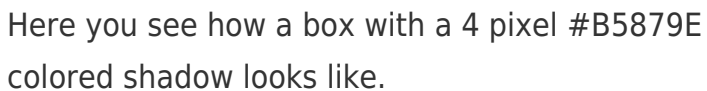
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B5879E }
```

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

```
.border{ border-color:#B5879E }
```

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



Here you see how a box with a 4 pixel #B5879E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5879E; -webkit-box-shadow:4px 4px  
4px 4px #B5879E; box-shadow:4px 4px 4px  
4px #B5879E }
```

# Background

The CSS property to change the background color of an element to Hex B5879E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5879E }
```

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

```
.background{ background-color:#B5879E }
```

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