

Converting Colors

Hex(B4647B)

Have a look what the booklet for
Hex(B4647B) contains.

Hex(B4647B)	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(B4647B)

Conversions

Conversions Part 1

Format	Color
Hex	B4647B
RGB	180, 100, 123
RGB Percent	71%, 39%, 48%
CMY	0.2941, 0.6078, 0.5176
CMYK	0.00, 0.44, 0.32, 0.29
HSL	343°, 35%, 55%
HSV	343°, 44%, 71%
XYZ	26.9547, 20.2477, 21.2264
YIQ	126.5420, 40.2970, 24.1130

Conversions

Conversions Part 2

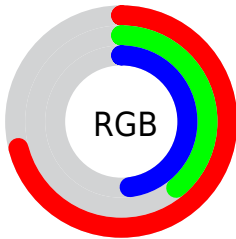
Format	Color
R_{YB}	180, 100, 123
Decimal	11822203
CIE _{Lab}	52.12, 34.90, 1.47
CIE _{LCh}	52, 34.927, 2.419
Yxy	20.2477, 0.3939, 0.2959
Android (android.graphics.Color)	4290012283 (0xFFB4647B)
YUV	126.5420, -1.7462, 46.8827
Hunter-Lab	44.9974, 28.1809, 3.5296

Details

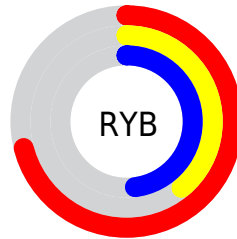
The Hex color **B4647B** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **64B49D**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **EE98AF**, and **7D324A** is the 20% darker color. If you saturate the color by 10%, you get **B4526E**, and if you desaturate by 10%, it is **B47688**.

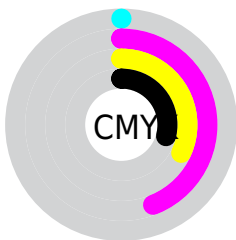
Distribution



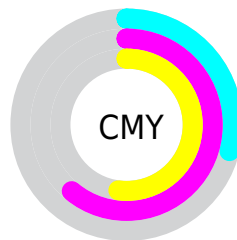
- Red (71%)
- Green (39%)
- Blue (48%)



- Red (71%)
- Yellow (39%)
- Blue (48%)



- Cyan (0%)
- Magenta (44%)
- Yellow (32%)
- Black (29%)



- Cyan (29%)
- Magenta (61%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4647B 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 B4647B by changing the saturation by 10% instead.

 B4647B

 B4647B

FFFFFF

 984B62

 EE98AF

 7D324A

 FFB4CB

 621934

 FFD0E7

 48001F

 FFECFF

 310006

 020000

 000000

 B4647B


 B4647B

 B4526E

 B47688

 B44061

 B48895

 B42E55

 B49AA1

 B41C48

 B4ACAE

 B40A3B

 B4BEBB

 B40034

 B4D0C8

 B4E2D5

 B4F4E2

 B4FFEE

Harmonies

Analogous

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



A46999



B4647B



B4675E

Triad

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



B4647B



6D8448



0087B1

Complementary

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



B4647B



64B49D

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.



008B9B



B4647B



488A60

Square

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



B4647B



8D7B3F



048C7E



517FB8

Rectangle

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



B4647B



AB6D4E



048C7E



0089AB

Sweetspot

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



B4647B



EBCCD5



9C64B4



756368



F5F5F5



757575

Same Dimension

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



B4647B



EB6E92



B47464



595053



99002C



1A0007

Inverse Universe

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



B4647B



EB6E92



64A4B4



595053



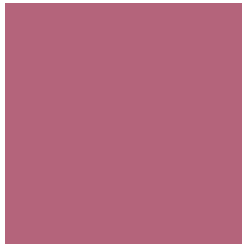
99002C



1A0007

Previews

White Background



This preview shows how the Hex color B4647B looks on a white background.

Color Contrast Check

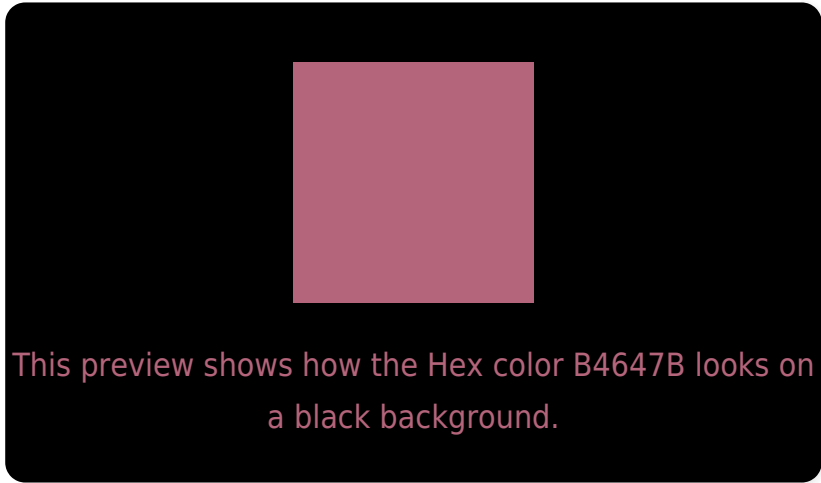
Large Text (above 18pt) WCAG AA ✓ Pass

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

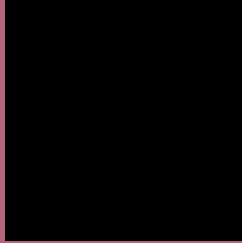
Any Text WCAG AA ✓ Pass

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 B4647B Background



This preview shows how black text looks on a background with the Hex color B4647B.




This preview shows how white text looks on a background with the Hex color B4647B.

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
B3666E

Trichromacy



Original Color
B4647B

Protanomaly
907384

Deuteranomaly
9A7178

Tritanomaly
B36573

Monochromacy



Original Color
B4647B

Achromatopsia
7F7F7F

Achromatomaly
92757E

CSS Examples

Text

The CSS property to change the color of the text to Hex B4647B 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 #B4647B looks like.

```
.text, #text, p{  
  color:#B4647B  
}
```

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 #B4647B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4647B
}
```

Border

The CSS property to change the border of an element to Hex B4647B is called "border". The border property can be set on classes, ids or directly on the HTML element.

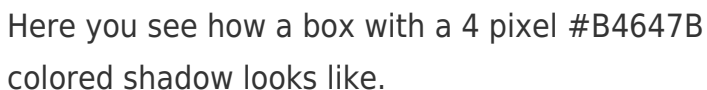
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B4647B }
```

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

```
.border{ border-color:#B4647B }
```

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



Here you see how a box with a 4 pixel #B4647B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4647B; -webkit-box-shadow:4px 4px  
4px 4px #B4647B; box-shadow:4px 4px 4px  
4px #B4647B }
```

Background

The CSS property to change the background color of an element to Hex B4647B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4647B }
```

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

```
.background{ background-color:#B4647B }
```

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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