

Converting Colors

Hex(B4618B)

Have a look what the booklet for
Hex(B4618B) contains.

Hex(B4618B)	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(B4618B)

Conversions

Conversions Part 1

Format	Color
Hex	B4618B
RGB	180, 97, 139
RGB Percent	71%, 38%, 55%
CMY	0.2941, 0.6196, 0.4549
CMYK	0.00, 0.46, 0.23, 0.29
HSL	330°, 36%, 54%
HSV	330°, 46%, 71%
XYZ	27.7573, 20.1168, 26.8461
YIQ	126.6050, 35.9860, 30.6580

Conversions

Conversions Part 2

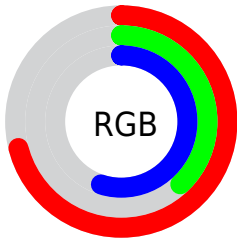
Format	Color
R_{YB}	180, 97, 139
Decimal	11821451
CIE Lab	51.97, 38.76, -8.22
CIE LCh	52, 39.622, 348.021
Yxy	20.1168, 0.3715, 0.2692
Android (android.graphics.Color)	4290011531 (0xFFB4618B)
YUV	126.6050, 6.1107, 46.8274
Hunter-Lab	44.8517, 31.9774, -4.0919

Details

The Hex color **B4618B** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **61B48A**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **EE96C0**, and **7D2E59** is the 20% darker color. If you saturate the color by 10%, you get **B44F82**, and if you desaturate by 10%, it is **B47394**.

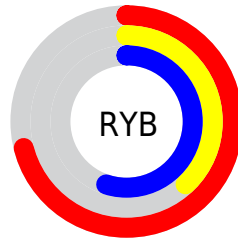
Distribution



Red (71%)

Green (38%)

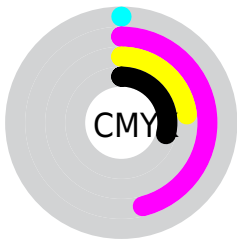
Blue (55%)



Red (71%)

Yellow (38%)

Blue (55%)

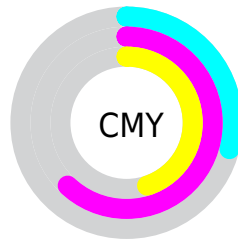


Cyan (0%)

Magenta (46%)

Yellow (23%)

Black (29%)



Cyan (29%)

Magenta (62%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4618B 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 B4618B by changing the saturation by 10% instead.



B4618B



B4618B

FFFFFF



984872



EE96C0



7D2E59



FFB1DC



621442



FFCDF9



49002C



FFEAFF



310017



0B0000



000000



B4618B



B4618B



B44F82



B47394

 B43D79

 B4859D

 B42B70

 B497A6

 B41967

 B4A9AF

 B4075F

 B4BBB7

 B4005B

 B4CDC0

 B4DFC9

 B4F1D2

 B4FFDB

Harmonies

Analogous

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



986BAA



B4618B



BC6069

Triad

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



B4618B



7C8039



008AAE

Complementary

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



B4618B



61B48A

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.



008D90



B4618B



55884D

Square

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



B4618B



9C7538



168C6D



0883BE

Rectangle

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



B4618B



B76554



168C6D



008CA5

Sweetspot

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



B4618B



EBCADA



8961B4



75616B



F5F5F5



757575

Same Dimension

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



B4618B



EB6AAB



B46162



595055



99004D



1A000D

Inverse Universe

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



B4618B



EB6AAB



61B4B3



595055



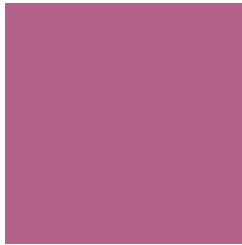
99004D



1A000D

Previews

White Background



This preview shows how the Hex color B4618B looks on a white background.

Color Contrast Check

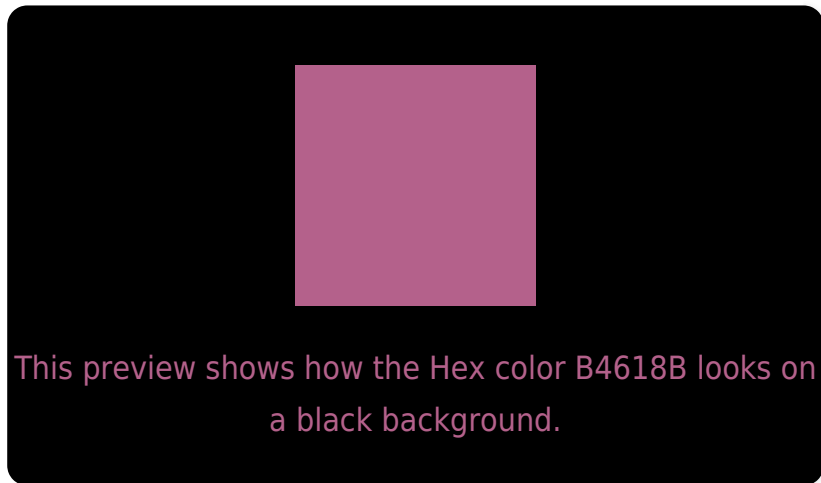
Large Text (above 18pt) WCAG AA ✓ Pass

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 B4618B Background



This preview shows how black text looks on a background with the Hex color B4618B.



This preview shows how white text looks on a background with the Hex color B4618B.

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
B1676E

Trichromacy



Original Color
B4618B



Protanomaly
8B7296



Deuteranomaly
957088



Tritanomaly
B26579

Monochromacy



Original Color
B4618B



Achromatopsia
7F7F7F



Achromatomaly
927483

CSS Examples

Text

The CSS property to change the color of the text to Hex B4618B 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 #B4618B looks like.

```
.text, #text, p{  
    color:#B4618B  
}
```

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 #B4618B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4618B
}
```

Border

The CSS property to change the border of an element to Hex B4618B 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
#B4618B }
```

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

```
.border{ border-color:#B4618B }
```

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

Here you see how a box with a 4 pixel #B4618B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4618B; -webkit-box-shadow:4px 4px  
4px 4px #B4618B; box-shadow:4px 4px 4px  
4px #B4618B }
```

Background

The CSS property to change the background color of an element to Hex B4618B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4618B }
```

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

```
.background{ background-color:#B4618B }
```

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