

Converting Colors

Hex(B4478D)

Have a look what the booklet for
Hex(B4478D) contains.

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Color

Hex(B4478D)

Conversions

Conversions Part 1

Format	Color
Hex	B4478D
RGB	180, 71, 141
RGB Percent	71%, 28%, 55%
CMY	0.2941, 0.7216, 0.4471
CMYK	0.00, 0.61, 0.22, 0.29
HSL	321°, 43%, 49%
HSV	321°, 61%, 71%
XYZ	25.8833, 16.1329, 26.9491
YIQ	111.5710, 42.4940, 44.8780

Conversions

Conversions Part 2

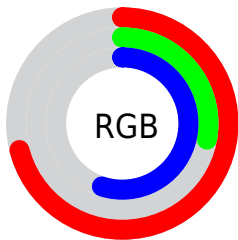
Format	Color
RYB	180, 71, 141
Decimal	11814797
CIELab	47.15, 51.90, -16.70
CIElCh	47, 54.517, 342.167
Yxy	16.1329, 0.3753, 0.2339
Android (android.graphics.Color)	4290004877 (0xFFB4478D)
YUV	111.5710, 14.5085, 60.0122
Hunter-Lab	40.1657, 44.7378, -11.6644

Details

The Hex color **B4478D** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **47B46E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **EE7DC3**, and **7C055B** is the 20% darker color. If you saturate the color by 10%, you get **B43587**, and if you desaturate by 10%, it is **B45993**.

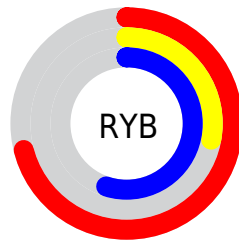
Distribution



Red (71%)

Green (28%)

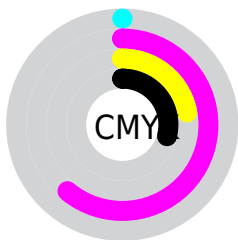
Blue (55%)



Red (71%)

Yellow (28%)

Blue (55%)

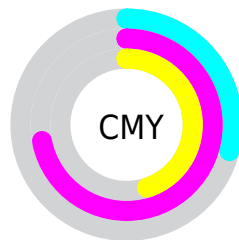


Cyan (0%)

Magenta (61%)

Yellow (22%)

Black (29%)



Cyan (29%)

Magenta (72%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4478D 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 B4478D by changing the saturation by 10% instead.

 B4478D

 B4478D

FFFFFF

 982B73

 EE7DC3

 7C055B

 FF98DF

 610043

 FFB4FB

 46002D

 FFD1FF

 2E0018

 FFEEFF

 000000

 B4478D

 B4478D

 B43587

 B45993

 B42380

 B46B9A

 B4117A

 B47DA0

 B40074

 B48FA7

 B4A1AD

 B4B3B4

 B4C5BA

 B4D7C1

 B4E9C7

Harmonies

Analogous

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



895BB4



B4478D



C2425F

Triad

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



B4478D



757400



0083AD

Complementary

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



B4478D



47B46E

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.



008582



B4478D



417E25

Square

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



B4478D



9C630D



008352



007CC7

Rectangle

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



B4478D



BE4A42



008352



0084A0

Sweetspot

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



B4478D



EBC0DB



6D47B4



755B6C



F5F5F5



757575

Same Dimension

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



B4478D



EB3FAD



B44757



595056



990062



1A0010

Inverse Universe

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



B4478D



EB3FAD



47B4A4



595056



990062



1A0010

Previews

White Background



This preview shows how the Hex color B4478D looks on a white background.

Color Contrast Check

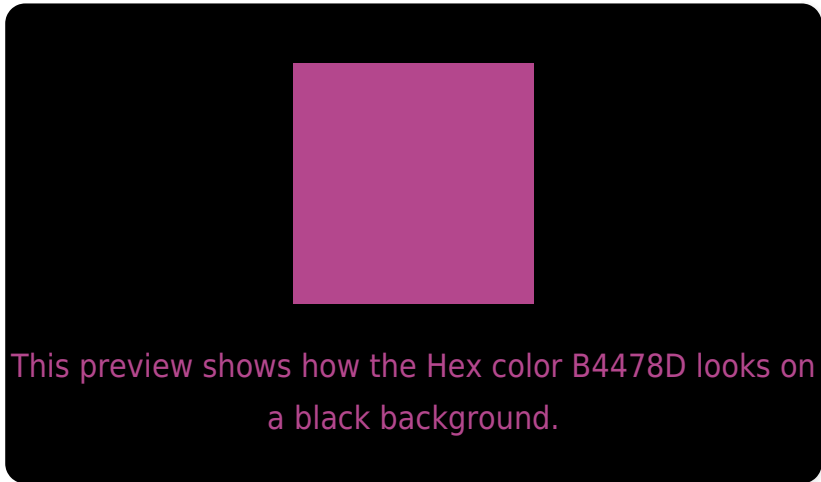
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B4478D Background



This preview shows how black text looks on a background with the Hex color B4478D.

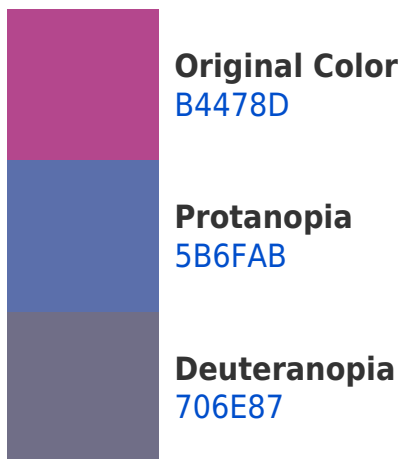



This preview shows how white text looks on a background with the Hex color B4478D.

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
AF5459

Trichromacy



Original Color
B4478D



Protanomaly
7B60A0



Deuteranomaly
896089

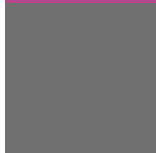


Tritanomaly
B14F6C

Monochromacy



Original Color
B4478D



Achromatopsia
707070



Achromatomaly
89617B

CSS Examples

Text

The CSS property to change the color of the text to Hex B4478D 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 #B4478D looks like.

```
.text, #text, p{  
    color:#B4478D  
}
```

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 #B4478D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4478D
}
```

Border

The CSS property to change the border of an element to Hex B4478D is called "border". The border property can be set on classes, ids or directly on the HTML element.

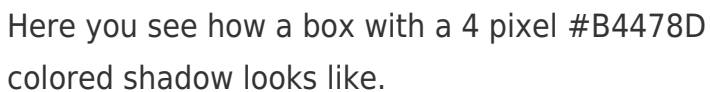
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B4478D }
```

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

```
.border{ border-color:#B4478D }
```

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



Here you see how a box with a 4 pixel #B4478D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4478D; -webkit-box-shadow:4px 4px  
4px 4px #B4478D; box-shadow:4px 4px 4px  
4px #B4478D }
```

Background

The CSS property to change the background color of an element to Hex B4478D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4478D }
```

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

```
.background{ background-color:#B4478D }
```

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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