

Converting Colors

Hex(B0447B)

Have a look what the booklet for
Hex(B0447B) contains.

Hex(B0447B)	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(B0447B)

Conversions

Conversions Part 1

Format	Color
Hex	B0447B
RGB	176, 68, 123
RGB Percent	69%, 27%, 48%
CMY	0.3098, 0.7333, 0.5176
CMYK	0.00, 0.61, 0.30, 0.31
HSL	329°, 44%, 48%
HSV	329°, 61%, 69%
XYZ	23.5468, 14.7944, 20.3534
YIQ	106.5620, 46.7130, 40.0010

Conversions

Conversions Part 2

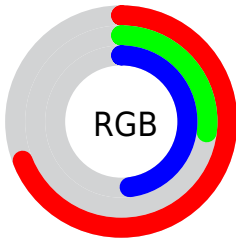
Format	Color
R_{YB}	176, 68, 123
Decimal	11551867
CIE _{Lab}	45.35, 49.58, -8.58
CIE _{LCh}	45, 50.319, 350.186
Yxy	14.7944, 0.4012, 0.2521
Android (android.graphics.Color)	4289741947 (0xFFB0447B)
YUV	106.5620, 8.1039, 60.8971
Hunter-Lab	38.4635, 41.9638, -4.4496

Details

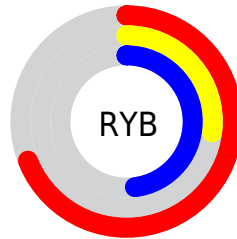
The Hex color **B0447B** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **44B079**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **EA7AAF**, and **78024A** is the 20% darker color. If you saturate the color by 10%, you get **B03272**, and if you desaturate by 10%, it is **B05684**.

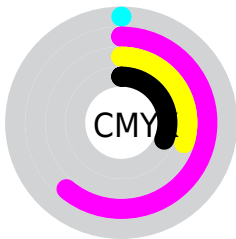
Distribution



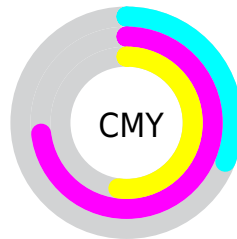
- Red (69%)
- Green (27%)
- Blue (48%)



- Red (69%)
- Yellow (27%)
- Blue (48%)



- Cyan (0%)
- Magenta (61%)
- Yellow (30%)
- Black (31%)



- Cyan (31%)
- Magenta (73%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0447B 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 B0447B by changing the saturation by 10% instead.

 B0447B

 B0447B

FFFFFF

 942862

 EA7AAF

 78024A

 FF95CB

 5D0034

 FFB1E7

 42001F

 FFCDFE

 2A0003

 FFEAFF

 000000

 B0447B

 B0447B

 B03272

 B05684

 B0216A

 B0678C

 B00F61

 B07995

 B0005A

 B08A9E

 B09CA6

 B0AEAF

 B0BFB7

 B0D1C0

 B0E2C9

Harmonies

Analogous

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



9053A2



B0447B



B74451

Triad

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



B0447B



657210



007CAB

Complementary

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



B0447B



44B079

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.



007F87



B0447B



307A32

Square

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



B0447B



8C640D



007E5C



0074BE

Rectangle

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



B0447B



AF4D37



007E5C



007EA1

Sweetspot

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



B0447B



E6BCD1



7844B0



735A66



F2F2F2



737373

Same Dimension

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



B0447B



E63C92



B04446



595055



99004E



1A000D

Inverse Universe

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



B0447B



E63C92



44B0AE



595055



99004E



1A000D

Previews

White Background



This preview shows how the Hex color B0447B looks on a white background.

Color Contrast Check

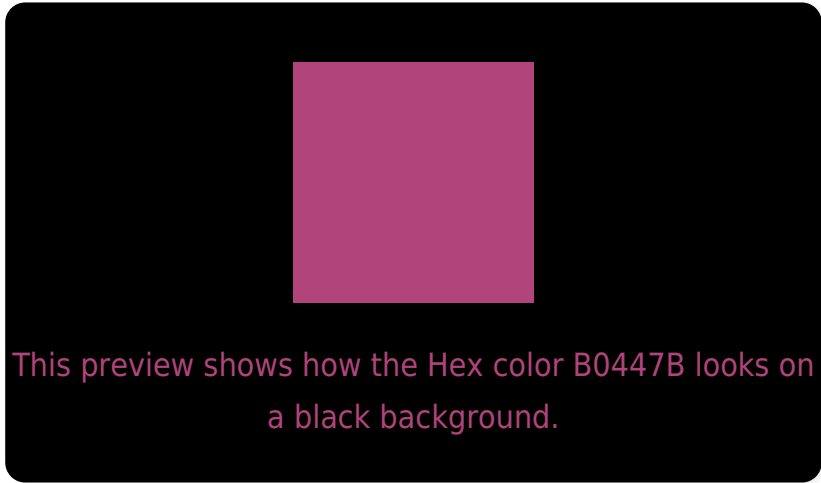
Large Text (above 18pt) WCAG AA ✓ Pass

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

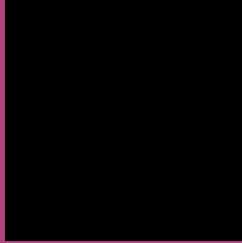
Any Text WCAG AA × Fail

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 B0447B Background



This preview shows how black text looks on a background with the Hex color B0447B.

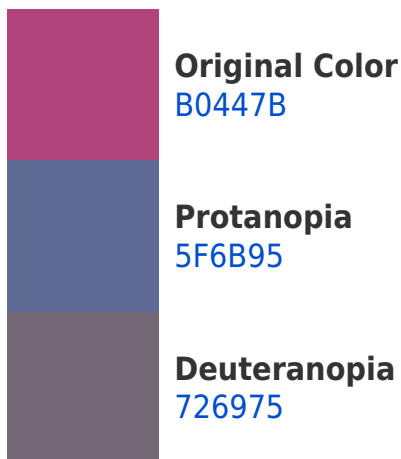


This preview shows how white text looks on a background with the Hex color B0447B.

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



Trichromacy



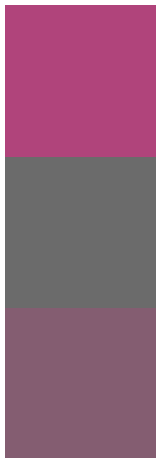
Original Color
B0447B

Protanomaly
7C5D8C

Deuteranomaly
895C77

Tritanomaly
AE4A61

Monochromacy



Original Color
B0447B

Achromatopsia
6B6B6B

Achromatomaly
845D71

CSS Examples

Text

The CSS property to change the color of the text to Hex B0447B 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 #B0447B looks like.

```
.text, #text, p{  
    color:#B0447B  
}
```

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 #B0447B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0447B  
}
```

Border

The CSS property to change the border of an element to Hex B0447B is called "border". The border property can be set on classes, ids or directly on the HTML element.

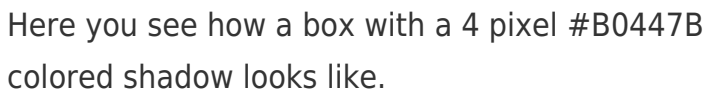
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B0447B }
```

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

```
.border{ border-color:#B0447B }
```

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



Here you see how a box with a 4 pixel #B0447B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0447B; -webkit-box-shadow:4px 4px  
4px 4px #B0447B; box-shadow:4px 4px 4px  
4px #B0447B }
```

Background

The CSS property to change the background color of an element to Hex B0447B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0447B }
```

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

```
.background{ background-color:#B0447B }
```

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