

Converting Colors

Hex(B4467F)

Have a look what the booklet for
Hex(B4467F) contains.

Hex(B4467F)	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(B4467F)

Conversions

Conversions Part 1

Format	Color
Hex	B4467F
RGB	180, 70, 127
RGB Percent	71%, 27%, 50%
CMY	0.2941, 0.7255, 0.5020
CMYK	0.00, 0.61, 0.29, 0.29
HSL	329°, 44%, 49%
HSV	329°, 61%, 71%
XYZ	24.8433, 15.6159, 21.7835
YIQ	109.3880, 47.2630, 41.0470

Conversions

Conversions Part 2

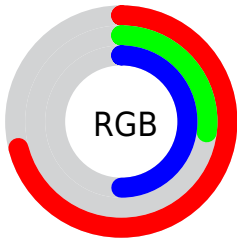
Format	Color
R_{YB}	180, 70, 127
Decimal	11814527
CIE _{Lab}	46.47, 50.44, -9.27
CIE _{LCh}	46, 51.282, 349.583
Yxy	15.6159, 0.3991, 0.2509
Android (android.graphics.Color)	4290004607 (0xFFB4467F)
YUV	109.3880, 8.6827, 61.9267
Hunter-Lab	39.5170, 43.0636, -5.0213

Details

The Hex color **B4467F** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **46B47B**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **EF7CB4**, and **7C054E** is the 20% darker color. If you saturate the color by 10%, you get **B43476**, and if you desaturate by 10%, it is **B45888**.

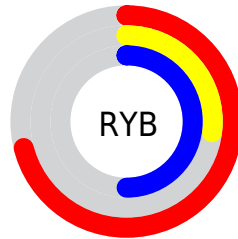
Distribution



Red (71%)

Green (27%)

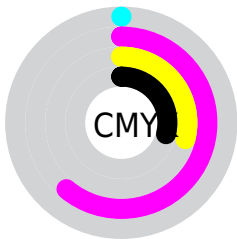
Blue (50%)



Red (71%)

Yellow (27%)

Blue (50%)

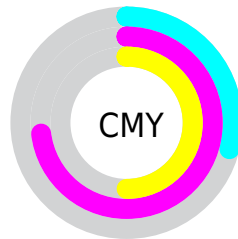


Cyan (0%)

Magenta (61%)

Yellow (29%)

Black (29%)



Cyan (29%)

Magenta (73%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4467F 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 B4467F by changing the saturation by 10% instead.

 B4467F

 B4467F

FFFFFF

 982A66

 EF7CB4

 7C054E

 FF97CF

 600037

 FFB3EB

 450022

 FFD0FF

 2D0009

 FFEDFF

 000000

 B4467F

 B4467F

 B43476

 B45888

 B4226E

 B46A90

 B41065

 B47C99

 B4005D

 B48EA2

 B4A0AA

 B4B2B3

 B4C4BC

 B4D6C4

 B4E8CD

Harmonies

Analogous

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



9356A6



B4467F



BB4654

Triad

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



B4467F



697410



007FAF

Complementary

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



B4467F



46B47B

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.



00828A



B4467F



337D33

Square

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



B4467F



90670E



00815D



0077C3

Rectangle

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



B4467F



B44F39



00815D



0081A4

Sweetspot

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



B4467F



EBC0D6



7946B4



755B69



F5F5F5



757575

Same Dimension

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



B4467F



EB3F98



B4464A



595055



99004F



1A000D

Inverse Universe

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



B4467F



EB3F98



46B4B0



595055



99004F



1A000D

Previews

White Background



This preview shows how the Hex color B4467F looks on a white background.

Color Contrast Check

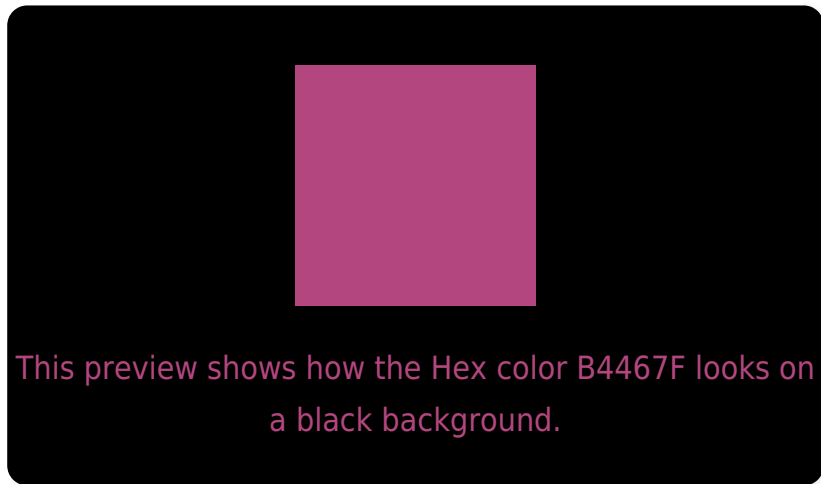
Large Text (above 18pt) WCAG AA ✓ Pass

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 B4467F Background



This preview shows how black text looks on a background with the Hex color B4467F.

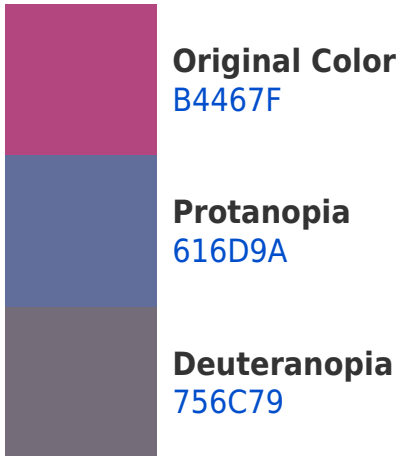


This preview shows how white text looks on a background with the Hex color B4467F.

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](#).

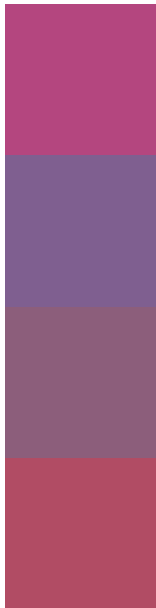
Dichromacy





Tritanopia
B05055

Trichromacy



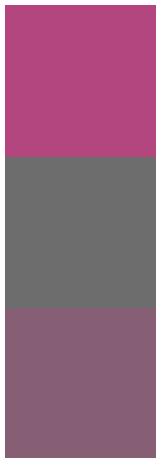
Original Color
B4467F

Protanomaly
7F5F90

Deuteranomaly
8C5E7B

Tritanomaly
B14C64

Monochromacy



Original Color
B4467F

Achromatopsia
6D6D6D

Achromatomaly
875F74

CSS Examples

Text

The CSS property to change the color of the text to Hex B4467F 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 #B4467F looks like.

```
.text, #text, p{  
  color:#B4467F  
}
```

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 #B4467F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4467F
}
```

Border

The CSS property to change the border of an element to Hex B4467F is called "border". The border property can be set on classes, ids or directly on the HTML element.

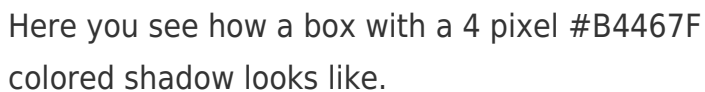
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B4467F }
```

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

```
.border{ border-color:#B4467F }
```

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



Here you see how a box with a 4 pixel #B4467F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4467F; -webkit-box-shadow:4px 4px  
4px 4px #B4467F; box-shadow:4px 4px 4px  
4px #B4467F }
```

Background

The CSS property to change the background color of an element to Hex B4467F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4467F }
```

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

```
.background{ background-color:#B4467F }
```

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