

# Converting Colors

Hex(B46D7F)

Have a look what the booklet for  
Hex(B46D7F) contains.

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# Color

Hex(**B46D7F**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B46D7F</a>
RGB	<a href="#">180, 109, 127</a>
RGB Percent	<a href="#">71%, 43%, 50%</a>
CMY	<a href="#">0.2941, 0.5725, 0.5020</a>
CMYK	<a href="#">0.00, 0.39, 0.29, 0.29</a>
HSL	<a href="#">345°, 32%, 57%</a>
HSV	<a href="#">345°, 39%, 71%</a>
XYZ	<a href="#">28.1218, 22.1729, 22.8763</a>
YIQ	<a href="#">132.2810, 36.5380, 20.6500</a>

# Conversions

## Conversions Part 2

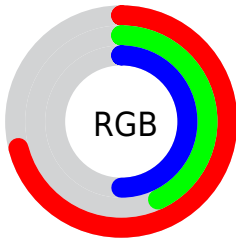
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 109, 127
Decimal	11824511
CIE <sub>Lab</sub>	54.21, 30.55, 2.15
CIE <sub>LCh</sub>	54, 30.621, 4.034
Yxy	22.1729, 0.3843, 0.3030
Android (android.graphics.Color)	4290014591 (0xFFB46D7F)
YUV	132.2810, -2.6035, 41.8496
Hunter-Lab	47.0881, 24.1990, 4.1575

# Details

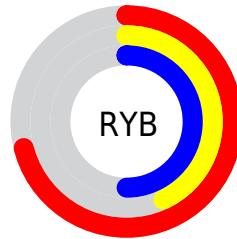
The Hex color **B46D7F** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6DB4A2**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **EDA2B4**, and **7D3C4E** is the 20% darker color. If you saturate the color by 10%, you get **B45B72**, and if you desaturate by 10%, it is **B47F8C**.

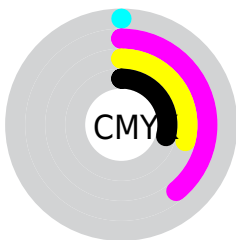
# Distribution



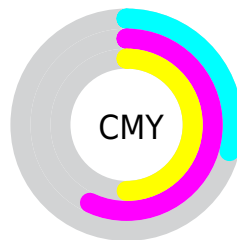
- Red (71%)
- Green (43%)
- Blue (50%)



- Red (71%)
- Yellow (43%)
- Blue (50%)



- Cyan (0%)
- Magenta (39%)
- Yellow (29%)
- Black (29%)



- Cyan (29%)
- Magenta (57%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B46D7F 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 B46D7F by changing the saturation by 10% instead.



 B46D7F

 B46D7F

FFFFFF

 985466

 EDA2B4

 7D3C4E

 FFBDCF

 632437

 FFD9EB

 490B22

 FFF6FF

 31000C

 0E0000

 000000

 B46D7F

 B46D7F

 B45B72

 B47F8C

 B44964

 B4919A

 B43757

 B4A3A7

 B42549

 B4B5B5

 B4133C

 B4C7C2

 B4012E

 B4D9D0

 B4002E

 B4EBDD

 B4FDEA

 B4FFF8

# Harmonies

## Analogous

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



A67199



B46D7F



B37065

# Triad

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



B46D7F



748955



338BB1

# Complementary

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



B46D7F



6DB4A2

# 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.



108F9E



B46D7F



538E6A

# Square

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



B46D7F



90814C



2F9084



6183B6

# Rectangle

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



B46D7F



AC7558



2F9084



238CAC



# Sweetspot

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



B46D7F



EBCED6



A16DB4



756569



F5F5F5



757575



# Same Dimension

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



B46D7F



EB7C98



B47E6D



595053



990027



1A0006



# Inverse Universe

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



B46D7F



EB7C98



6DA3B4



595053



990027

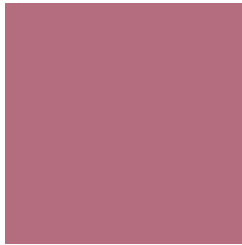


1A0006



# Previews

## White Background



This preview shows how the Hex color B46D7F looks on a white background.

## Color Contrast Check

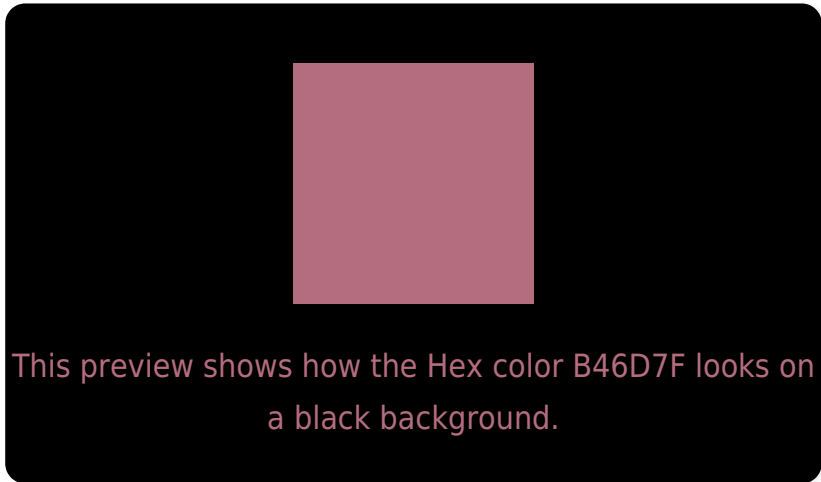
Large Text (above 18pt) WCAG AA ✓ Pass

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 B46D7F Background



This preview shows how black text looks on a background with the Hex color B46D7F.



This preview shows how white text looks on a background with the Hex color B46D7F.

# 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



**Original Color**  
B46D7F

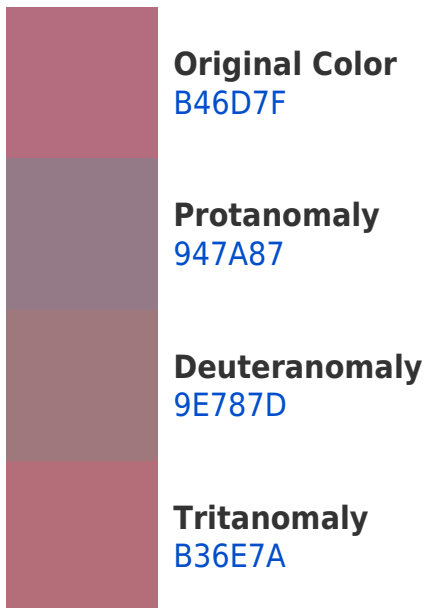
**Protanopia**  
82818B

**Deuteranopia**  
917E7C

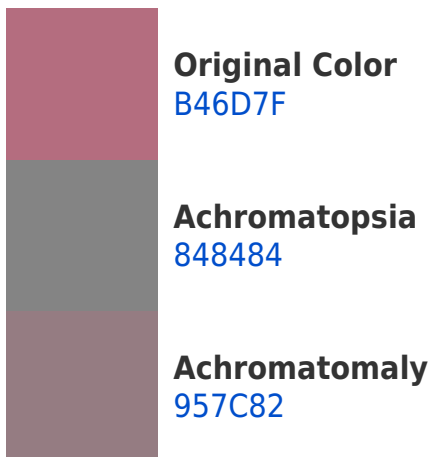


**Tritanopia**  
B36E77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B46D7F 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 #B46D7F looks like.

```
.text, #text, p{  
    color:#B46D7F  
}
```

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 #B46D7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B46D7F
}
```

## Border

The CSS property to change the border of an element to Hex B46D7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

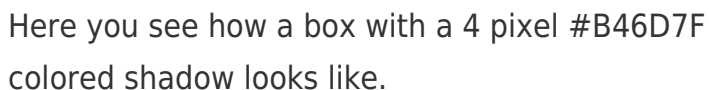
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B46D7F }
```

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

```
.border{ border-color:#B46D7F }
```

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



Here you see how a box with a 4 pixel #B46D7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B46D7F; -webkit-box-shadow:4px 4px  
4px 4px #B46D7F; box-shadow:4px 4px 4px  
4px #B46D7F }
```

# Background

The CSS property to change the background color of an element to Hex B46D7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B46D7F }
```

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

```
.background{ background-color:#B46D7F }
```

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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