

# Converting Colors

Hex(B76B89)

Have a look what the booklet for  
Hex(B76B89) contains.

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# Color

**Hex(B76B89)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B76B89</a>
RGB	<a href="#">183, 107, 137</a>
RGB Percent	<a href="#">72%, 42%, 54%</a>
CMY	<a href="#">0.2824, 0.5804, 0.4627</a>
CMYK	<a href="#">0.00, 0.42, 0.25, 0.28</a>
HSL	<a href="#">336°, 35%, 57%</a>
HSV	<a href="#">336°, 42%, 72%</a>
XYZ	<a href="#">29.3015, 22.3888, 26.4440</a>
YIQ	<a href="#">133.1440, 35.6660, 25.4420</a>

# Conversions

## Conversions Part 2

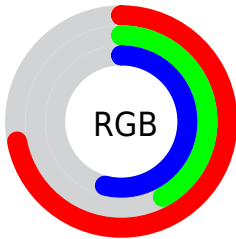
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 107, 137
Decimal	12020617
CIE <sub>Lab</sub>	54.44, 34.16, -3.34
CIE <sub>LCh</sub>	54, 34.324, 354.418
Yxy	22.3888, 0.3750, 0.2865
Android (android.graphics.Color)	4290210697 (0xFFB76B89)
YUV	133.1440, 1.9010, 43.7237
Hunter-Lab	47.3168, 27.7338, -0.0137

# Details

The Hex color **B76B89** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **6BB799**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **F0A0BE**, and **803957** is the 20% darker color. If you saturate the color by 10%, you get **B7597E**, and if you desaturate by 10%, it is **B77D94**.

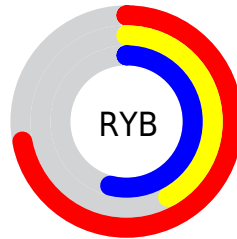
# Distribution



Red (72%)

Green (42%)

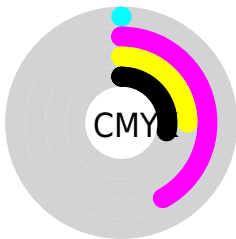
Blue (54%)



Red (72%)

Yellow (42%)

Blue (54%)

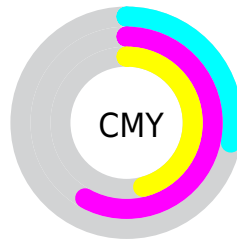


Cyan (0%)

Magenta (42%)

Yellow (25%)

Black (28%)



Cyan (28%)

Magenta (58%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B76B89 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 B76B89 by changing the saturation by 10% instead.



 B76B89

 B76B89

FFFFFF

 9B5270

 F0A0BE

 803957

 FFBBDA

 662140

 FFD7F7

 4C052A

 FFF4FF

 330016

 160000

 000000

 B76B89

 B76B89

 B7597E

 B77D94

 B74673

 B7909F

 B73468

 B7A2AA

 B7225D

 B7B4B5

 B70F52

 B7C7C0

 B70048

 B7D9CB

 B7EBD7

 B7FDE2

 B7FFED

# Harmonies

## Analogous

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



A272A5



B76B89



BB6C6B

# Triad

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



B76B89



7D884B



008EB2

# Complementary

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



B76B89



6BB799

# 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.



00919A



B76B89



5A8E5F

# Square

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



B76B89



9A7F47



2D917B



4987BD

# Rectangle

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



B76B89



B5715A



2D917B



0090AB



# Sweetspot

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



B76B89



EDD1DC



996BB7



78676E



F7F7F7



787878



# Same Dimension

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



B76B89



ED77A5



B7736B



5C5356



9C003D



1C000B



# Inverse Universe

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



B76B89



ED77A5



6BAFB7



5C5356



9C003D

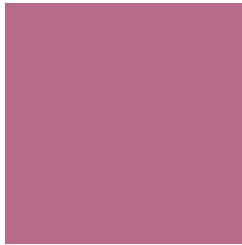


1C000B



# Previews

## White Background



This preview shows how the Hex color B76B89 looks on a white background.

## Color Contrast Check

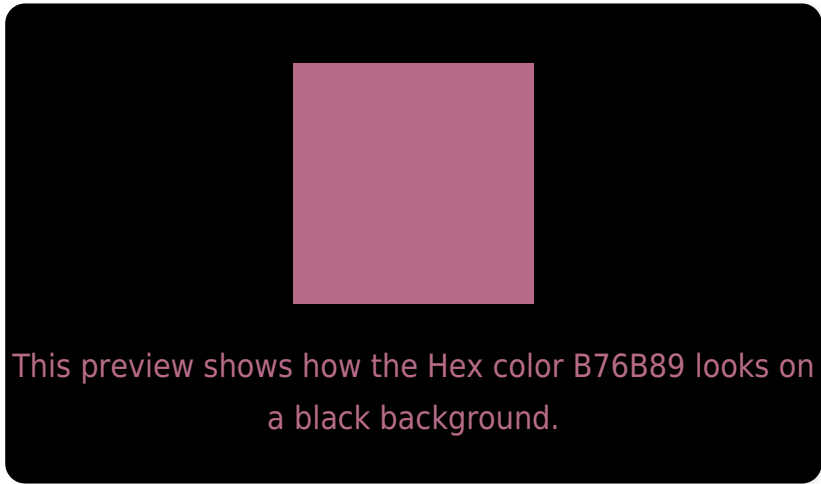
Large Text (above 18pt) WCAG AA ✓ Pass

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

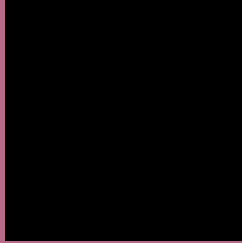
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B76B89 Background



This preview shows how black text looks on a background with the Hex color B76B89.



This preview shows how white text looks on a background with the Hex color B76B89.

# 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](#).

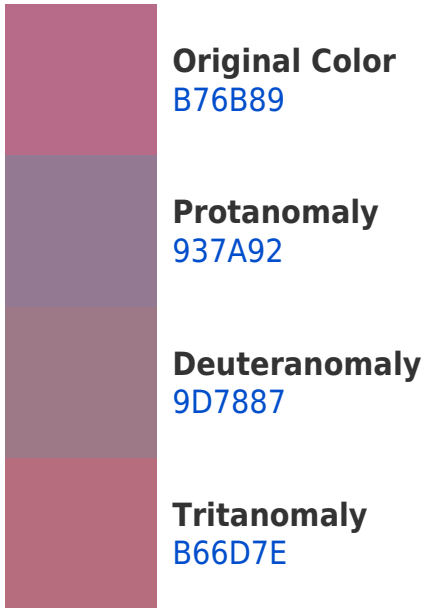
## Dichromacy



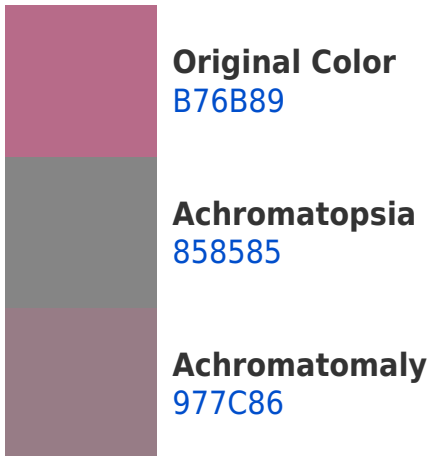


**Tritanopia**  
B56E77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B76B89 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 #B76B89 looks like.

```
.text, #text, p{  
    color:#B76B89  
}
```

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 #B76B89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B76B89
}
```

## Border

The CSS property to change the border of an element to Hex B76B89 is called "border". The border property can be set on classes, ids or directly on the HTML element.

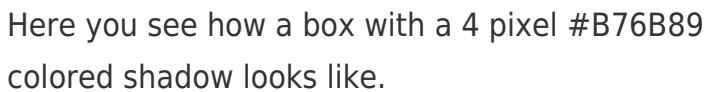
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B76B89 }
```

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

```
.border{ border-color:#B76B89 }
```

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



Here you see how a box with a 4 pixel #B76B89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B76B89; -webkit-box-shadow:4px 4px  
4px 4px #B76B89; box-shadow:4px 4px 4px  
4px #B76B89 }
```

# Background

The CSS property to change the background color of an element to Hex B76B89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B76B89 }
```

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

```
.background{ background-color:#B76B89 }
```

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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