

# Converting Colors

Hex(B75B8D)

Have a look what the booklet for  
Hex(B75B8D) contains.

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# Color

**Hex(B75B8D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B75B8D
RGB	183, 91, 141
RGB Percent	72%, 36%, 55%
CMY	0.2824, 0.6431, 0.4471
CMYK	0.00, 0.50, 0.23, 0.28
HSL	327°, 39%, 54%
HSV	327°, 50%, 72%
XYZ	28.0772, 19.4725, 27.4780
YIQ	124.2080, 38.7820, 35.0540

# Conversions

## Conversions Part 2

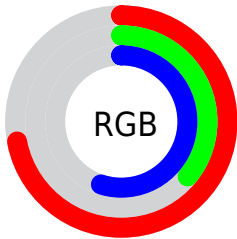
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 91, 141
Decimal	12016525
CIE <sub>Lab</sub>	51.24, 43.19, -10.46
CIE <sub>LCh</sub>	51, 44.440, 346.380
Yxy	19.4725, 0.3742, 0.2595
Android (android.graphics.Color)	4290206605 (0xFFB75B8D)
YUV	124.2080, 8.2785, 51.5606
Hunter-Lab	44.1277, 36.3512, -6.0301

# Details

The Hex color **B75B8D** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5BB785**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **F190C3**, and **7F275B** is the 20% darker color. If you saturate the color by 10%, you get **B74985**, and if you desaturate by 10%, it is **B76D95**.

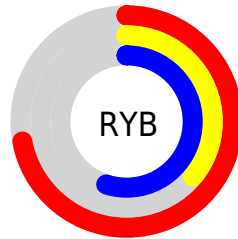
# Distribution



Red (72%)

Green (36%)

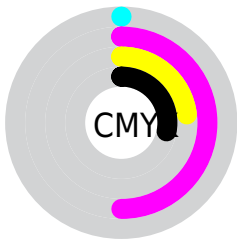
Blue (55%)



Red (72%)

Yellow (36%)

Blue (55%)

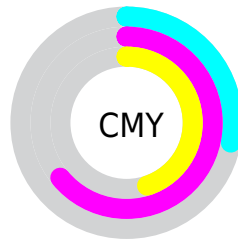


Cyan (0%)

Magenta (50%)

Yellow (23%)

Black (28%)



Cyan (28%)

Magenta (64%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B75B8D 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 B75B8D by changing the saturation by 10% instead.



 B75B8D

 B75B8D

FFFFFF

 9B4173

 F190C3

 7F275B

 FFABDF

 650743

 FFC7FB

 4A002D

 FFE4FF

 330019

 0E0000

 000000

 B75B8D

 B75B8D

 B74985

 B76D95

 B7367C

 B7809E

 B72474

 B792A6

 B7126C

 B7A4AE

 B70063

 B7B7B7

 B7C9BF

 B7DBC7

 B7EDD0

 B7FFD8

# Harmonies

## Analogous

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



9768AF



B75B8D



C15967

# Triad

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



B75B8D



7B7F2D



008AB0

# Complementary

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



B75B8D



5BB785

# 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.



008D8E



B75B8D



508743

# Square

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



B75B8D



9E722E



008C67



0083C4

# Rectangle

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



B75B8D



BC5F4F



008C67



008CA6



# Sweetspot

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



B75B8D



EDCADD



845BB7



78626E



F7F7F7



787878



# Same Dimension

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



B75B8D



ED5FAC



B75B60



5C5358



9C0055



1C000F



# Inverse Universe

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



B75B8D



ED5FAC



5BB7B2



5C5358



9C0055



1C000F



# Previews

## White Background



This preview shows how the Hex color B75B8D looks on a white background.

## Color Contrast Check

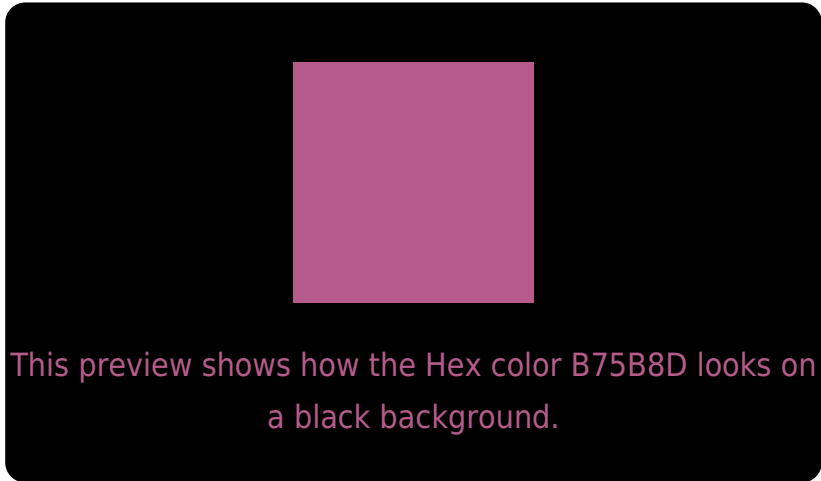
Large Text (above 18pt) WCAG AA ✓ Pass

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

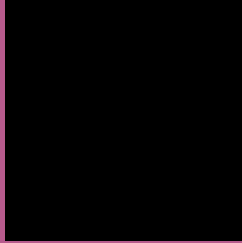
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B75B8D Background



This preview shows how black text looks on a background with the Hex color B75B8D.

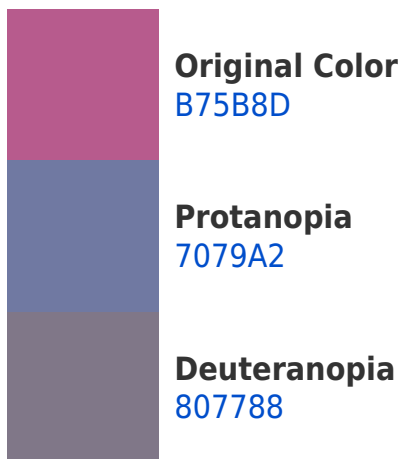


This preview shows how white text looks on a background with the Hex color B75B8D.

# 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**  
B46269

# Trichromacy



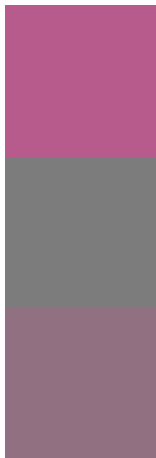
**Original Color**  
B75B8D

**Protanomaly**  
8A6E9A

**Deuteranomaly**  
946D8A

**Tritanomaly**  
B55F76

# Monochromacy



**Original Color**  
B75B8D

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
917082

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B75B8D 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 #B75B8D looks like.

```
.text, #text, p{  
    color:#B75B8D  
}
```

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 #B75B8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B75B8D
}
```

## Border

The CSS property to change the border of an element to Hex B75B8D is called "border". The border property can be set on classes, ids or directly on the HTML element.

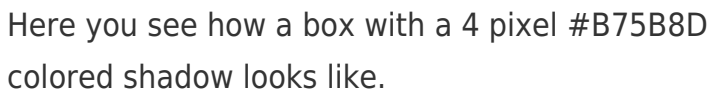
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B75B8D }
```

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

```
.border{ border-color:#B75B8D }
```

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



Here you see how a box with a 4 pixel #B75B8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B75B8D; -webkit-box-shadow:4px 4px  
4px 4px #B75B8D; box-shadow:4px 4px 4px  
4px #B75B8D }
```

# Background

The CSS property to change the background color of an element to Hex B75B8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B75B8D }
```

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

```
.background{ background-color:#B75B8D }
```

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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