

# Converting Colors

Hex(B37E9D)

Have a look what the booklet for  
Hex(B37E9D) contains.

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# Color

Hex(**B37E9D**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B37E9D
RGB	179, 126, 157
RGB Percent	70%, 49%, 62%
CMY	0.2980, 0.5059, 0.3843
CMYK	0.00, 0.30, 0.12, 0.30
HSL	325°, 26%, 60%
HSV	325°, 30%, 70%
XYZ	32.1371, 26.9397, 35.4044
YIQ	145.3810, 21.6370, 20.8770

# Conversions

## Conversions Part 2

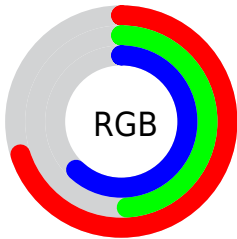
Format	Color
<a href="#">RYB</a>	<a href="#">179, 126, 157</a>
Decimal	<a href="#">11763357</a>
CIELab	<a href="#">58.92, 25.41, -8.36</a>
CIELCh	<a href="#">59, 26.747, 341.787</a>
Yxy	<a href="#">26.9397, 0.3401, 0.2851</a>
Android (android.graphics.Color)	<a href="#">4289953437</a> ( <a href="#">0xFFB37E9D</a> )
YUV	<a href="#">145.3810, 5.7282, 29.4839</a>
Hunter-Lab	<a href="#">51.9035, 19.6906, -4.1104</a>

# Details

The Hex color **B37E9D** is a light color, and the websafe version is hex **996699**. A complement of this color would be **7EB394**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **EBB3D4**, and **7D4C6A** is the 20% darker color. If you saturate the color by 10%, you get **B36C96**, and if you desaturate by 10%, it is **B390A4**.

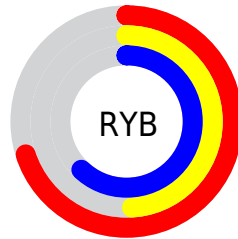
# Distribution



Red (70%)

Green (49%)

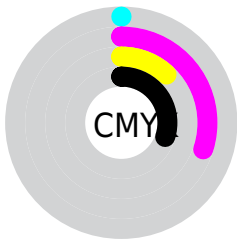
Blue (62%)



Red (70%)

Yellow (49%)

Blue (62%)

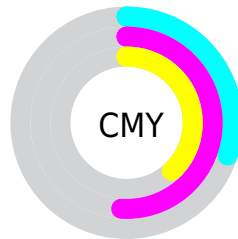


Cyan (0%)

Magenta (30%)

Yellow (12%)

Black (30%)



Cyan (30%)

Magenta (51%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B37E9D 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 B37E9D by changing the saturation by 10% instead.



 B37E9D

 B37E9D

FFFFFF

 986583

 EBB3D4

 7D4C6A

 FFCFF0

 643552

 FFE8FF

 4B1E3B

 330725

 200010

 000000

 B37E9D

 B37E9D

 B36C96

 B390A4

 B35A8E

 B3A2AC

 B34887

 B3B4B3

 B3367F

 B3C6BB

 B32578

 B3D8C2

 B31370

 B3E9CA

 B30169

 B3FBD1

 B30069

 B3FFD8

 B3FFE0

# Harmonies

## Analogous

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



9D84B1



B37E9D



BC7C85

# Triad

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



B37E9D



958F60



4399AC

# Complementary

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



B37E9D



7EB394

# 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.



489B96



B37E9D



7B966A

# Square

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



B37E9D



AB8762



5F9A7E



5A94BA

# Rectangle

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



B37E9D



BC7E76



5F9A7E



419AA6



# Sweetspot

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



B37E9D



E8D3DF



937EB3



756870



F5F5F5



757575



# Same Dimension

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



B37E9D



E895C5



B37E83



595056



990059



1A000F



# Inverse Universe

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



B37E9D



E895C5



7EB3AE



595056



990059



1A000F



# Previews

## White Background



This preview shows how the Hex color B37E9D looks on a white background.

## Color Contrast Check

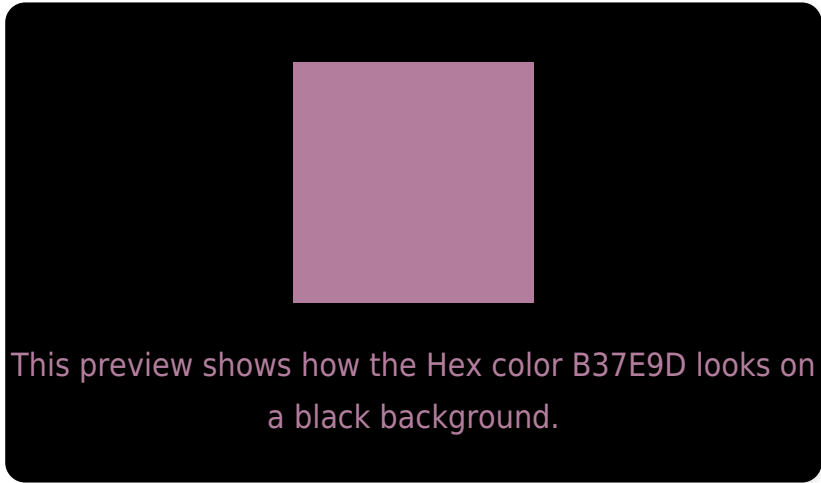
Large Text (above 18pt) WCAG AA ✓ Pass

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

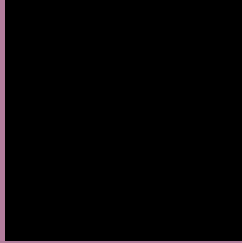
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B37E9D Background



This preview shows how black text looks on a background with the Hex color B37E9D.



This preview shows how white text looks on a background with the Hex color B37E9D.

# 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](#).

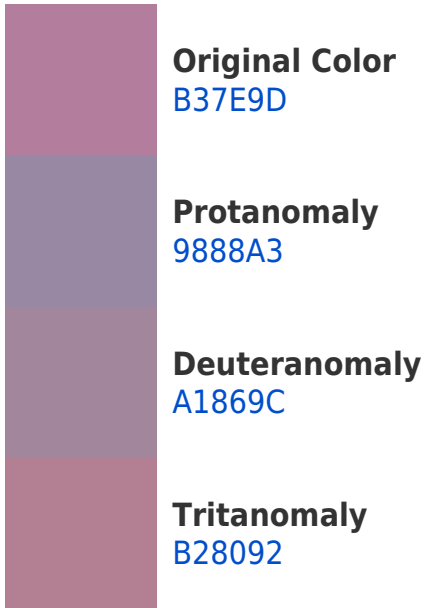
## Dichromacy





**Tritanopia**  
B1818B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B37E9D 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 #B37E9D looks like.

```
.text, #text, p{  
    color:#B37E9D  
}
```

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 #B37E9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B37E9D
}
```

## Border

The CSS property to change the border of an element to Hex B37E9D 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
#B37E9D }
```

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

```
.border{ border-color:#B37E9D }
```

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

Here you see how a box with a 4 pixel #B37E9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B37E9D; -webkit-box-shadow:4px 4px  
4px 4px #B37E9D; box-shadow:4px 4px 4px  
4px #B37E9D }
```

# Background

The CSS property to change the background color of an element to Hex B37E9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B37E9D }
```

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

```
.background{ background-color:#B37E9D }
```

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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