

# Converting Colors

Hex(B370AE)

Have a look what the booklet for  
Hex(B370AE) contains.

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# **Color**

**Hex(B370AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B370AE
RGB	179, 112, 174
RGB Percent	70%, 44%, 68%
CMY	0.2980, 0.5608, 0.3176
CMYK	0.00, 0.37, 0.03, 0.30
HSL	304°, 31%, 57%
HSV	304°, 37%, 70%
XYZ	32.0246, 24.2280, 43.0330
YIQ	139.1010, 20.0300, 33.4860

# Conversions

## Conversions Part 2

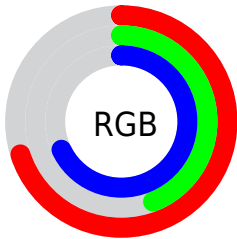
Format	Color
R <sub>Y</sub> B	179, 112, 174
Decimal	11759790
CIE Lab	56.32, 36.22, -22.09
CIE LCh	56, 42.425, 328.621
Yxy	24.2280, 0.3225, 0.2440
Android (android.graphics.Color)	4289949870 (0xFFB370AE)
YUV	139.1010, 17.2052, 34.9914
Hunter-Lab	49.2220, 29.9963, -17.3797

# Details

The Hex color **B370AE** is a light color, and the websafe version is hex **996699**. A complement of this color would be **70B375**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **ECA5E6**, and **7D3E79** is the 20% darker color. If you saturate the color by 10%, you get **B35EAD**, and if you desaturate by 10%, it is **B382AF**.

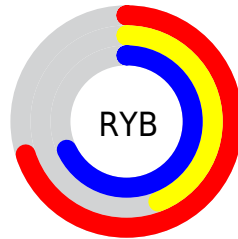
# Distribution



Red (70%)

Green (44%)

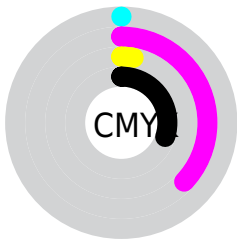
Blue (68%)



Red (70%)

Yellow (44%)

Blue (68%)

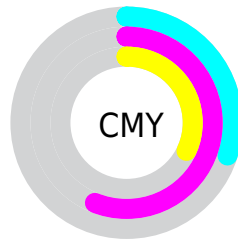


Cyan (0%)

Magenta (37%)

Yellow (3%)

Black (30%)



Cyan (30%)

Magenta (56%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B370AE 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 B370AE by changing the saturation by 10% instead.



 B370AE

 B370AE

FFFFFF

 985793

 ECA5E6

 7D3E79

 FFC1FF

 632560

 FFDDFF

 4A0B48

 FFFAFF

 320032

 1A001D

 000000

 B370AE

 B370AE

 B35EAD

 B382AF

 B34CAB

 B394B1

 B33AAA

 B3A6B2

 B328A9

 B3B8B3

 B317A7

 B3CAB5

 B305A6

 B3DBB6

 B300A6

 B3EDB7

 B3FFB9

 B3FFBA

# Harmonies

## Analogous

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



877EC8



B370AE



C9688A

# Triad

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



B370AE



9E843B



0099A9

# Complementary

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



B370AE



70B375

# 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.



009A84



B370AE



798F44

# Square

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



B370AE



BB7749



4B965F



0095C5

# Rectangle

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



B370AE



CD6971



4B965F



009A9D



# Sweetspot

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



B370AE



E8CFE6



7470B3



756674



F5F5F5



757575



# Same Dimension

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



B370AE



E880E0



B3708D



595059



99008E



1A0018



# Inverse Universe

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



B370AE



E880E0



70B396



595059



99008E

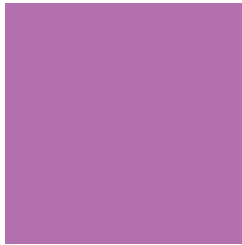


1A0018



# Previews

## White Background



This preview shows how the Hex color B370AE looks on a white background.

## Color Contrast Check

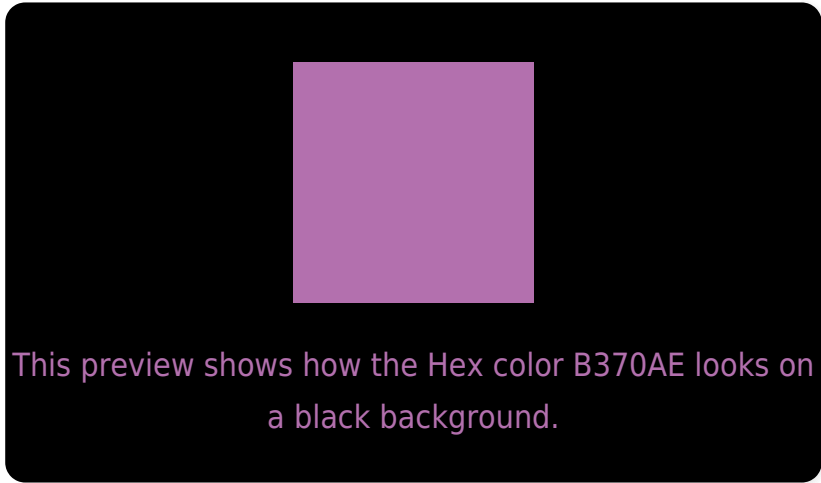
Large Text (above 18pt) WCAG AA ✓ Pass

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 B370AE Background



This preview shows how black text looks on a background with the Hex color B370AE.

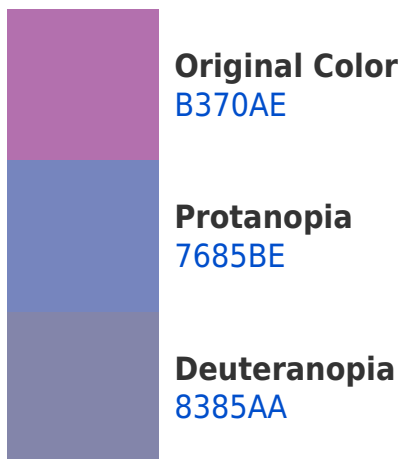


This preview shows how white text looks on a background with the Hex color B370AE.

# 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](#).

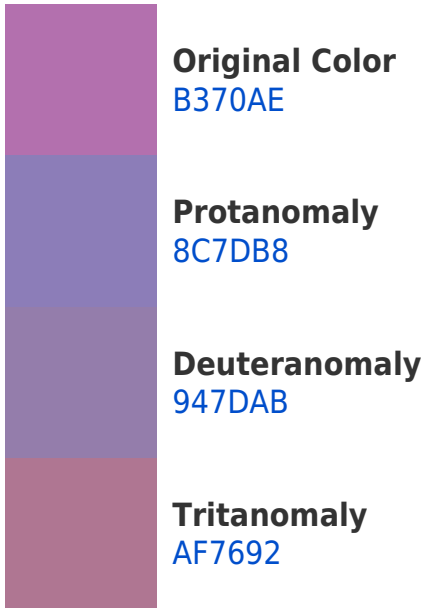
## Dichromacy



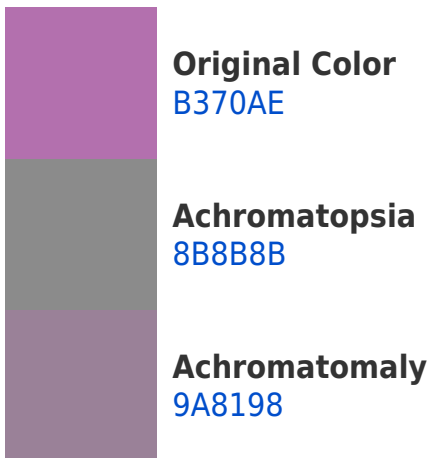


**Tritanopia**  
AD7982

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B370AE 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 #B370AE looks like.

```
.text, #text, p{  
  color:#B370AE  
}
```

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 #B370AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B370AE
}
```

## Border

The CSS property to change the border of an element to Hex B370AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

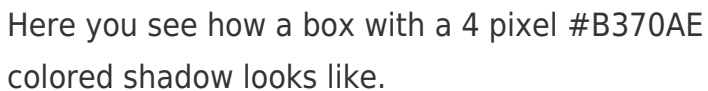
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B370AE }
```

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

```
.border{ border-color:#B370AE }
```

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



Here you see how a box with a 4 pixel #B370AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B370AE; -webkit-box-shadow:4px 4px  
4px 4px #B370AE; box-shadow:4px 4px 4px  
4px #B370AE }
```

# Background

The CSS property to change the background color of an element to Hex B370AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B370AE }
```

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

```
.background{ background-color:#B370AE }
```

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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