

# Converting Colors

Hex(B457B6)

Have a look what the booklet for  
Hex(B457B6) contains.

<b>Hex(B457B6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B457B6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B457B6
RGB	180, 87, 182
RGB Percent	71%, 34%, 71%
CMY	0.2941, 0.6588, 0.2863
CMYK	0.01, 0.52, 0.00, 0.29
HSL	299°, 39%, 53%
HSV	299°, 52%, 71%
XYZ	30.6741, 19.8971, 46.4798
YIQ	125.6370, 24.9330, 49.2610

# Conversions

## Conversions Part 2

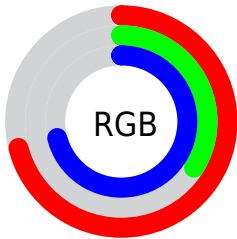
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 87, 182
Decimal	11818934
CIE <sub>Lab</sub>	51.72, 51.06, -33.83
CIE <sub>LCh</sub>	52, 61.254, 326.475
Yxy	19.8971, 0.3161, 0.2050
Android (android.graphics.Color)	4290009014 (0xFFB457B6)
YUV	125.6370, 27.7870, 47.6764
Hunter-Lab	44.6062, 44.6874, -30.5561

# Details

The Hex color **B457B6** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **59B657**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **EE8DEE**, and **7D2081** is the 20% darker color. If you saturate the color by 10%, you get **B445B6**, and if you desaturate by 10%, it is **B469B6**.

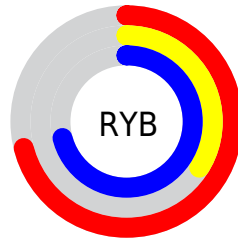
# Distribution



Red (71%)

Green (34%)

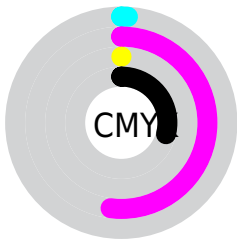
Blue (71%)



Red (71%)

Yellow (34%)

Blue (71%)

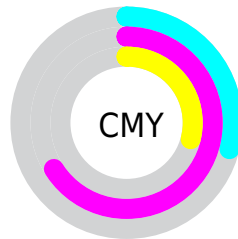


Cyan (1%)

Magenta (52%)

Yellow (0%)

Black (29%)



Cyan (29%)

Magenta (66%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B457B6 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 B457B6 by changing the saturation by 10% instead.



 B457B6

 B457B6

FFFFFF

 983C9B

 EE8DEE

 7D2081

 FFA8FF

 620067

 FFC4FF

 48004F

 FFE1FF

 300038

FFFEFF

 100021

 000006

 000000

 B457B6

 B457B6

 B445B6

 B469B6

 B333B6

 B57BB6

 B320B6

 B58EB6

 B20EB6

 B6A0B6

 B200B6

 B6B2B6

 B6C4B6

 B7D6B6

 B7E9B6

 B7FBB6

# Harmonies

## Analogous

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



6D70DA



B457B6



D44584

# Triad

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



B457B6



997700



0093A9

# Complementary

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



B457B6



59B657

# 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.



009373



B457B6



678605

# Square

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



B457B6



C06121



008F3D



008FD2

# Rectangle

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



B457B6



D84661



008F3D



009398



# Sweetspot

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



B457B6



ECC7ED



575AB6



776178



F7F7F7



787878



# Same Dimension

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



B457B6



EA58ED



B6578A



5C535C



98009C



1B001C



# Inverse Universe

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



B65759



ED585B



57B683



5C5353



9C0003



1C0001



# Previews

## White Background



This preview shows how the Hex color B457B6 looks on a white background.

## Color Contrast Check

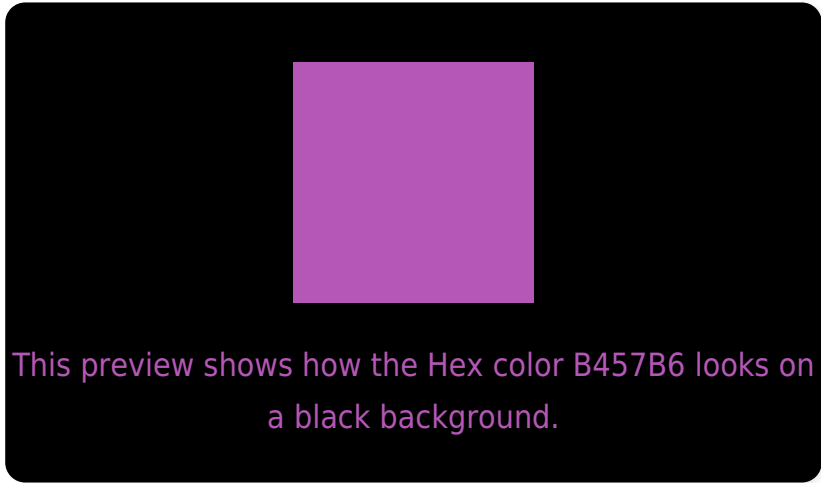
Large Text (above 18pt) WCAG AA ✓ Pass

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

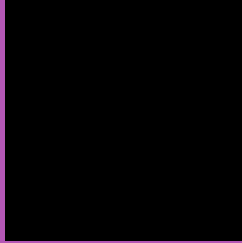
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B457B6 Background



This preview shows how black text looks on a background with the Hex color B457B6.

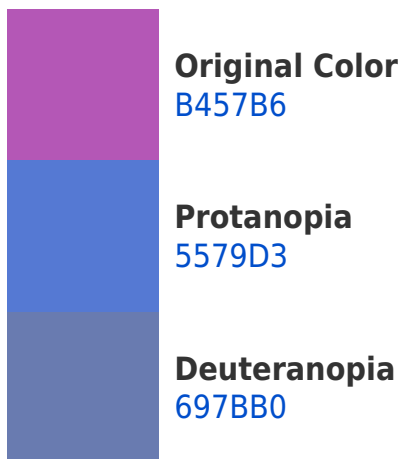


This preview shows how white text looks on a background with the Hex color B457B6.

# 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](#).

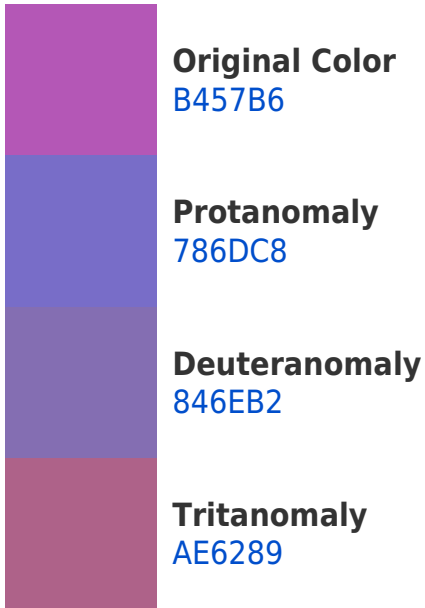
## Dichromacy





**Tritanopia**  
AB6870

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B457B6 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 #B457B6 looks like.

```
.text, #text, p{  
    color:#B457B6  
}
```

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 #B457B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B457B6
}
```

## Border

The CSS property to change the border of an element to Hex B457B6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

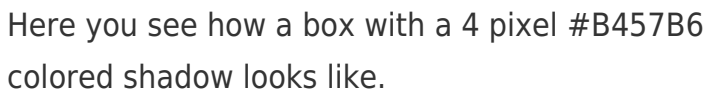
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B457B6 }
```

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

```
.border{ border-color:#B457B6 }
```

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



Here you see how a box with a 4 pixel #B457B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B457B6; -webkit-box-shadow:4px 4px  
4px 4px #B457B6; box-shadow:4px 4px 4px  
4px #B457B6 }
```

# Background

The CSS property to change the background color of an element to Hex B457B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B457B6 }
```

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

```
.background{ background-color:#B457B6 }
```

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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