

# Converting Colors

Hex(B75CA2)

Have a look what the booklet for  
Hex(B75CA2) contains.

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# Color

**Hex(B75CA2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B75CA2</a>
RGB	<a href="#">183, 92, 162</a>
RGB Percent	<a href="#">72%, 36%, 64%</a>
CMY	<a href="#">0.2824, 0.6392, 0.3647</a>
CMYK	<a href="#">0.00, 0.50, 0.11, 0.28</a>
HSL	<a href="#">314°, 39%, 54%</a>
HSV	<a href="#">314°, 50%, 72%</a>
XYZ	<a href="#">29.8772, 20.3302, 36.5318</a>
YIQ	<a href="#">127.1890, 31.7660, 41.0620</a>

# Conversions

## Conversions Part 2

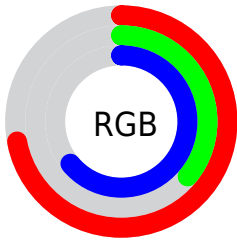
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 92, 162
Decimal	12016802
CIE <sub>Lab</sub>	52.21, 45.96, -21.37
CIE <sub>LCh</sub>	52, 50.691, 335.062
Yxy	20.3302, 0.3444, 0.2344
Android (android.graphics.Color)	4290206882 (0xFFB75CA2)
YUV	127.1890, 17.1618, 48.9462
Hunter-Lab	45.0890, 39.3730, -16.4754

# Details

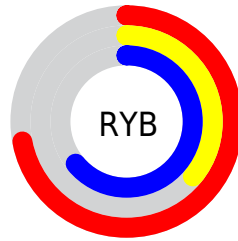
The Hex color **B75CA2** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5CB771**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **F191D9**, and **80276E** is the 20% darker color. If you saturate the color by 10%, you get **B74A9E**, and if you desaturate by 10%, it is **B76EA6**.

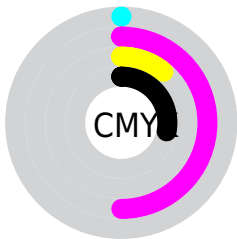
# Distribution



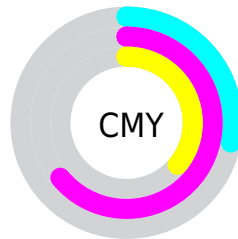
- Red (72%)
- Green (36%)
- Blue (64%)



- Red (72%)
- Yellow (36%)
- Blue (64%)



- Cyan (0%)
- Magenta (50%)
- Yellow (11%)
- Black (28%)



- Cyan (28%)
- Magenta (64%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B75CA2 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 B75CA2 by changing the saturation by 10% instead.



 B75CA2

 B75CA2

FFFFFF

 9B4288

 F191D9

 80276E

 FFADF6

 650656

 FFC9FF

 4B003E

 FFE5FF

 340028

 140012

 000000

 B75CA2

 B75CA2

 B74A9E

 B76EA6

 B7379A

 B781AA

 B72595

 B793AF

 B71391

 B7A5B3

 B7018D

 B7B8B7

 B7008D

 B7CABB

 B7DCC0

 B7EEC4

 B7FFC8

# Harmonies

## Analogous

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



886EC4



B75CA2



CB5477

# Triad

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



B75CA2



8D7D1D



0090AD

# Complementary

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



B75CA2



5CB771

# 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.



009183



B75CA2



5F8830

# Square

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



B75CA2



B06D2C



0A8F56



008BCB

# Rectangle

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



B75CA2



CB585A



0A8F56



0091A0



# Sweetspot

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



B75CA2



EDCAE5



705CB7



786273



F7F7F7



787878



# Same Dimension

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



B75CA2



ED5FCC



B75C76



5C535A



9C0078



1C0016



# Inverse Universe

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



B75CA2



ED5FCC



5CB79D



5C535A



9C0078



1C0016



# Previews

## White Background



This preview shows how the Hex color B75CA2 looks on a white background.

## Color Contrast Check

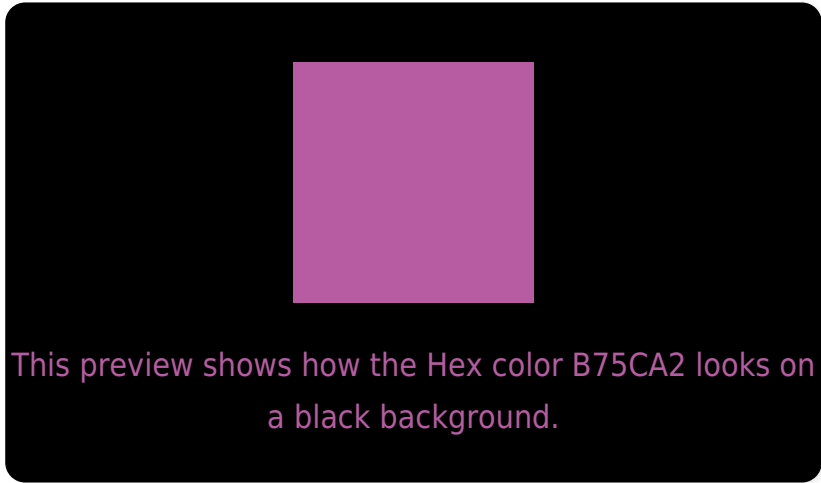
Large Text (above 18pt) WCAG AA ✓ Pass

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 B75CA2 Background



This preview shows how black text looks on a background with the Hex color B75CA2.

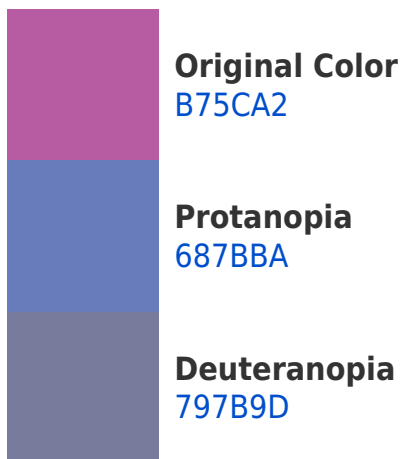



This preview shows how white text looks on a background with the Hex color B75CA2.

# 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](#).

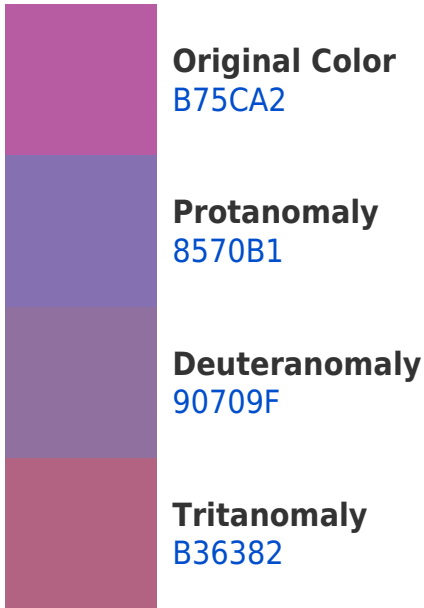
## Dichromacy



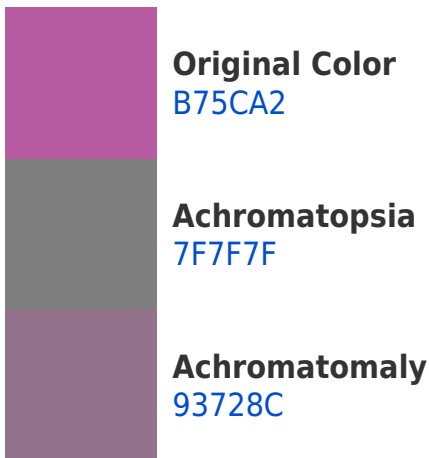


**Tritanopia**  
B1676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B75CA2 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 #B75CA2 looks like.

```
.text, #text, p{  
    color:#B75CA2  
}
```

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 #B75CA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B75CA2
}
```

## Border

The CSS property to change the border of an element to Hex B75CA2 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
#B75CA2 }
```

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

```
.border{ border-color:#B75CA2 }
```

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

Here you see how a box with a 4 pixel #B75CA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B75CA2; -webkit-box-shadow:4px 4px  
4px 4px #B75CA2; box-shadow:4px 4px 4px  
4px #B75CA2 }
```

# Background

The CSS property to change the background color of an element to Hex B75CA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B75CA2 }
```

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

```
.background{ background-color:#B75CA2 }
```

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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