

# Converting Colors

Hex(B62797)

Have a look what the booklet for  
Hex(B62797) contains.

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**Color**

**Hex(B62797)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B62797
RGB	182, 39, 151
RGB Percent	71%, 15%, 59%
CMY	0.2863, 0.8471, 0.4078
CMYK	0.00, 0.79, 0.17, 0.29
HSL	313°, 65%, 43%
HSV	313°, 79%, 71%
XYZ	25.6028, 13.6305, 30.5597
YIQ	94.5250, 49.2760, 65.1480

# Conversions

## Conversions Part 2

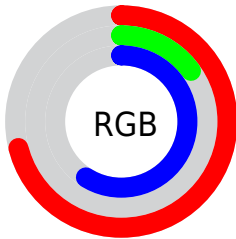
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 39, 151
Decimal	11937687
CIE <sub>Lab</sub>	43.70, 65.59, -28.02
CIE <sub>LCh</sub>	44, 71.327, 336.870
Yxy	13.6305, 0.3668, 0.1953
Android (android.graphics.Color)	4290127767 (0xFFB62797)
YUV	94.5250, 27.8422, 76.7156
Hunter-Lab	36.9195, 59.1766, -23.2330

# Details

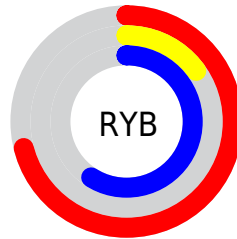
The Hex color **B62797** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **27B646**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **F165CE**, and **7D0064** is the 20% darker color. If you saturate the color by 10%, you get **B61593**, and if you desaturate by 10%, it is **B6399B**.

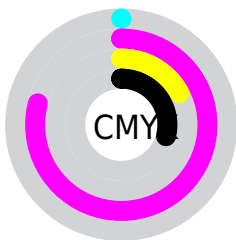
# Distribution



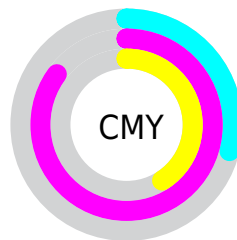
- Red (71%)
- Green (15%)
- Blue (59%)



- Red (71%)
- Yellow (15%)
- Blue (59%)



- Cyan (0%)
- Magenta (79%)
- Yellow (17%)
- Black (29%)



- Cyan (29%)
- Magenta (85%)
- Yellow (41%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B62797 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 B62797 by changing the saturation by 10% instead.



 B62797

 B62797

FFFFFF

 99007D

 F165CE

 7D0064

 FF81EA

 61004B

 FF9EFF

 460034

 FFBBFF

 2B001F

 FFD8FF

 000000

 FFF5FF

 B62797

 B62797

 B61593

 B6399B

 B6038F


 B64B9F

 B6008F

 B65EA3

 B670A7

 B682AB

 B694AF

 B6A6B3

 B6B9B7

 B6CBBB

# Harmonies

## Analogous

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



7550C7



B62797



CC005C

# Triad

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



B62797



726900



007FAE

# Complementary

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



B62797



27B646

# 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.



008074



B62797



2E7700

# Square

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



B62797



A25200



007D35



007AD5

# Rectangle

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



B62797



C92036



007D35



00809C



# Sweetspot

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



B62797



EDB4E1



4627B6



785570



F7F7F7



787878



# Same Dimension

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



B62797



ED0EBD



B62750



5C535A



9C007A



1C0016



# Inverse Universe

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



B62797



ED0EBD



27B68D



5C535A



9C007A



1C0016



# Previews

## White Background



This preview shows how the Hex color B62797 looks on a white background.

## Color Contrast Check

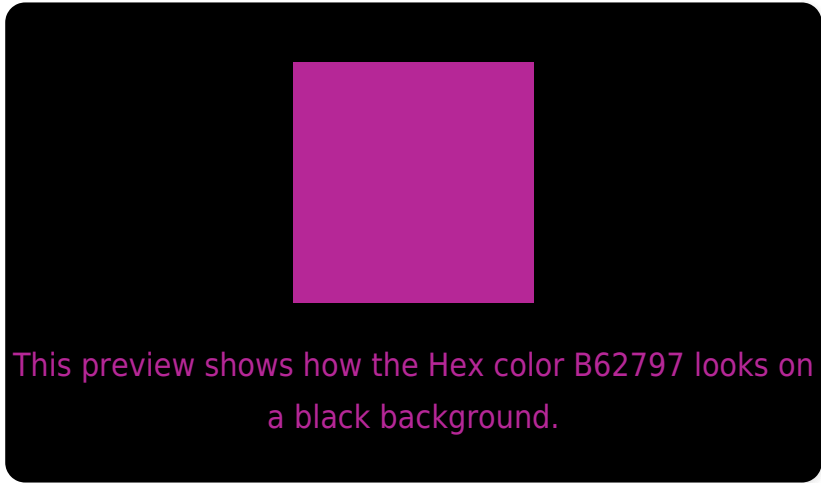
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

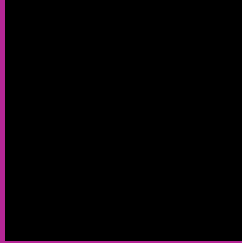
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B62797 Background



This preview shows how black text looks on a background with the Hex color B62797.

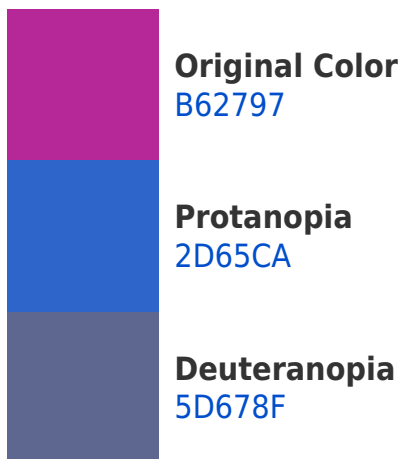



This preview shows how white text looks on a background with the Hex color B62797.

# 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**  
AF4448

# Trichromacy



**Original Color**  
B62797



**Protanomaly**  
5F4EB7



**Deuteranomaly**  
7D5092



**Tritanomaly**  
B23965

# Monochromacy



**Original Color**  
B62797



**Achromatopsia**  
5F5F5F



**Achromatomaly**  
7F4B73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B62797 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 #B62797 looks like.

```
.text, #text, p{  
  color:#B62797  
}
```

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 #B62797 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B62797
}
```

## Border

The CSS property to change the border of an element to Hex B62797 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".

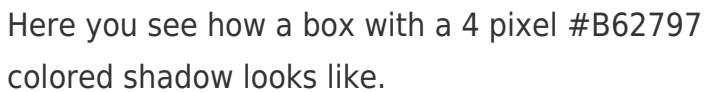
```
.border, #border, table{ border:4px solid
#B62797 }
```

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

```
.border{ border-color:#B62797 }
```

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

Here you see how a box with a 4 pixel #B62797 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B62797; -webkit-box-shadow:4px 4px  
4px 4px #B62797; box-shadow:4px 4px 4px  
4px #B62797 }
```

# Background

The CSS property to change the background color of an element to Hex B62797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B62797 }
```

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

```
.background{ background-color:#B62797 }
```

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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