

# Converting Colors

Hex(B61992)

Have a look what the booklet for  
Hex(B61992) contains.

<b>Hex(B61992)</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(B61992)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B61992
RGB	182, 25, 146
RGB Percent	71%, 10%, 57%
CMY	0.2863, 0.9020, 0.4275
CMYK	0.00, 0.86, 0.20, 0.29
HSL	314°, 76%, 41%
HSV	314°, 86%, 71%
XYZ	24.8273, 12.7157, 28.3400
YIQ	85.7370, 54.7310, 70.9150

# Conversions

## Conversions Part 2

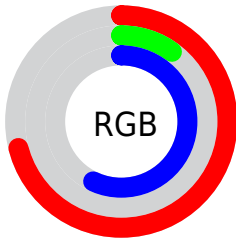
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 25, 146
Decimal	11934098
CIE <sub>Lab</sub>	42.33, 68.19, -27.12
CIE <sub>LCh</sub>	42, 73.387, 338.309
Yxy	12.7157, 0.3768, 0.1930
Android (android.graphics.Color)	4290124178 (0xFFB61992)
YUV	85.7370, 29.7097, 84.4227
Hunter-Lab	35.6590, 61.8760, -22.1593

# Details

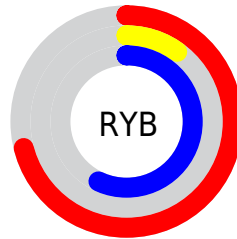
The Hex color **B61992** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **19B63D**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **F25DC8**, and **7C005F** is the 20% darker color. If you saturate the color by 10%, you get **B6078E**, and if you desaturate by 10%, it is **B62B96**.

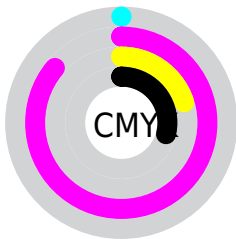
# Distribution



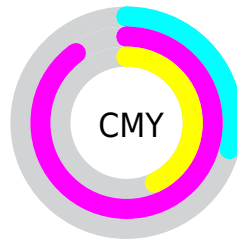
- Red (71%)
- Green (10%)
- Blue (57%)



- Red (71%)
- Yellow (10%)
- Blue (57%)



- Cyan (0%)
- Magenta (86%)
- Yellow (20%)
- Black (29%)



- Cyan (29%)
- Magenta (90%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B61992 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 B61992 by changing the saturation by 10% instead.



 B61992

 B61992

FFFFFF

 990078

 F25DC8

 7C005F

 FF7AE4

 600047

 FF97FF

 460030

 FFB4FF

 2A001B

 FFD1FF

 000000

 FFEFFF

 B61992

 B61992

 B6078E

 B62B96

 B6008C


 B63D9A

 B6509F

 B662A3

 B674A7

 B686AB

 B698AF

 B6ABB3

 B6BDB8

# Harmonies

## Analogous

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



764AC4



B61992



CA0056

# Triad

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



B61992



6C6700



007CAE

# Complementary

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



B61992



19B63D

# 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.



007D74



B61992



207400

# Square

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



B61992



9D5000



007A33



0076D6

# Rectangle

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



B61992



C6152F



007A33



007D9C



# Sweetspot

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



B61992



EDAFDF



3B19B6



78536F



F7F7F7



787878



# Same Dimension

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



B61992



ED00B7



B61945



5C535A



9C0078



1C0016



# Inverse Universe

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



B61992



ED00B7



19B68A



5C535A



9C0078



1C0016



# Previews

## White Background



This preview shows how the Hex color B61992 looks on a white background.

## Color Contrast Check

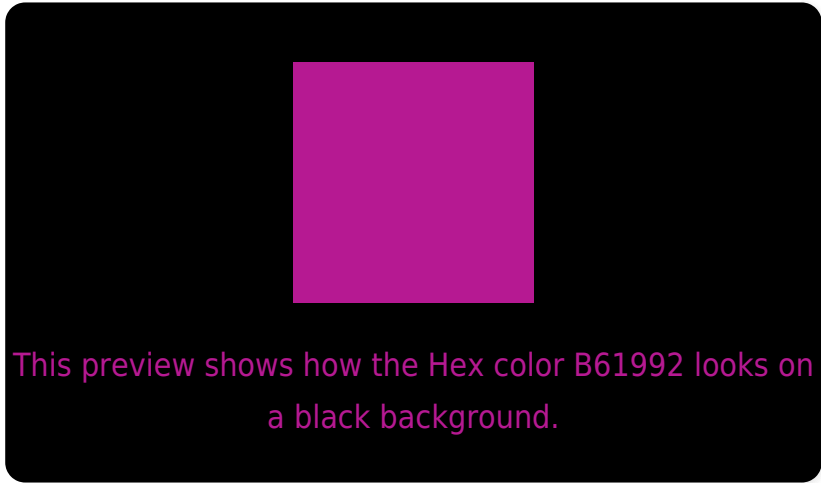
Large Text (above 18pt) WCAG AA ✓ Pass

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

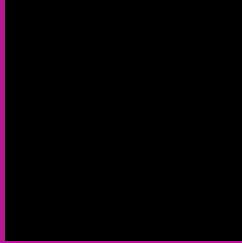
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B61992 Background



This preview shows how black text looks on a background with the Hex color B61992.

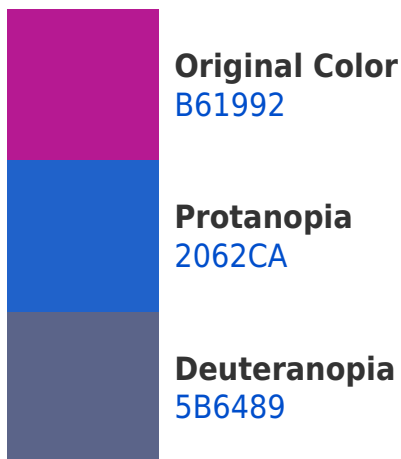


This preview shows how white text looks on a background with the Hex color B61992.

# 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**  
AF3D40

# Trichromacy



**Original Color**  
B61992



**Protanomaly**  
5747B6



**Deuteranomaly**  
7C498C



**Tritanomaly**  
B2305E

# Monochromacy



**Original Color**  
B61992



**Achromatopsia**  
565656



**Achromatomaly**  
79406C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B61992 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 #B61992 looks like.

```
.text, #text, p{  
    color:#B61992  
}
```

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 #B61992 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B61992
}
```

## Border

The CSS property to change the border of an element to Hex B61992 is called "border". The border property can be set on classes, ids or directly on the HTML element.

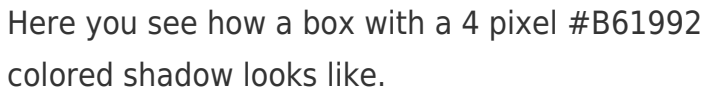
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B61992 }
```

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

```
.border{ border-color:#B61992 }
```

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



Here you see how a box with a 4 pixel #B61992 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B61992; -webkit-box-shadow:4px 4px  
4px 4px #B61992; box-shadow:4px 4px 4px  
4px #B61992 }
```

# Background

The CSS property to change the background color of an element to Hex B61992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B61992 }
```

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

```
.background{ background-color:#B61992 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor