

# Converting Colors

Hex(B61290)

Have a look what the booklet for  
Hex(B61290) contains.

<b>Hex(B61290)</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(B61290)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B61290
RGB	182, 18, 144
RGB Percent	71%, 7%, 56%
CMY	0.2863, 0.9294, 0.4353
CMYK	0.00, 0.90, 0.21, 0.29
HSL	314°, 82%, 39%
HSV	314°, 90%, 71%
XYZ	24.5418, 12.3913, 27.4838
YIQ	81.4000, 57.2980, 73.9540

# Conversions

## Conversions Part 2

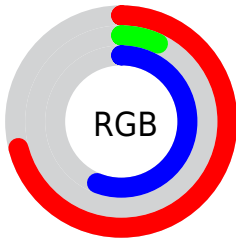
<b>Format</b>	<b>Color</b>
<b>RYB</b>	182, 18, 144
Decimal	11932304
CIELab	41.83, 69.12, -26.69
CIELCh	42, 74.090, 338.887
Yxy	12.3913, 0.3810, 0.1924
Android (android.graphics.Color)	4290122384 (0xFFB61290)
YUV	81.4000, 30.8618, 88.2262
Hunter-Lab	35.2013, 62.8449, -21.6505

# Details

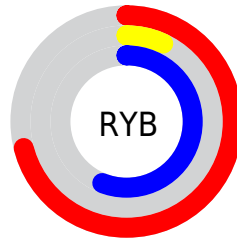
The Hex color **B61290** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **12B638**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **F25AC6**, and **7C005D** is the 20% darker color. If you saturate the color by 10%, you get **B6008C**, and if you desaturate by 10%, it is **B62494**.

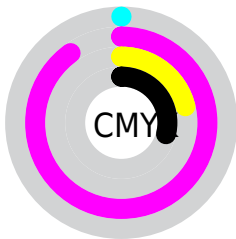
# Distribution



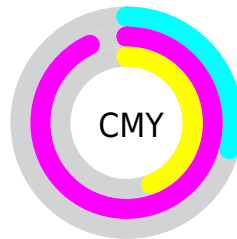
- Red (71%)
- Green (7%)
- Blue (56%)



- Red (71%)
- Yellow (7%)
- Blue (56%)



- Cyan (0%)
- Magenta (90%)
- Yellow (21%)
- Black (29%)



- Cyan (29%)
- Magenta (93%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B61290 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 B61290 by changing the saturation by 10% instead.



 B61290

 B61290

FFFFFF

 990076

 F25AC6

 7C005D

 FF77E2

 600045

 FF94FF

 46002F

 FFB1FF

 290019

 FFCEFF

 000000

 FFECFF

 B61290

 B61290

 B6008C

 B62494

 B63698

 B6499D

 B65BA1

 B66DA5

 B67FA9

 B691AE

 B6A4B2

 B6B6B6

# Harmonies

## Analogous

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



7647C3



B61290



CA0054

# Triad

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



B61290



696600



007BAF

# Complementary

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



B61290



12B638

# 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.



007C74



B61290



197300

# Square

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



B61290



9B4F00



007933



0075D6

# Rectangle

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



B61290



C5112C



007933



007C9D



# Sweetspot

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



B61290



EDADDE



3612B6



78516F



F7F7F7



787878



# Same Dimension

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



B61290



ED00B6



B61240



5C535A



9C0078



1C0016



# Inverse Universe

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



B61290



ED00B6



12B688



5C535A



9C0078



1C0016



# Previews

## White Background



This preview shows how the Hex color B61290 looks on a white background.

## Color Contrast Check

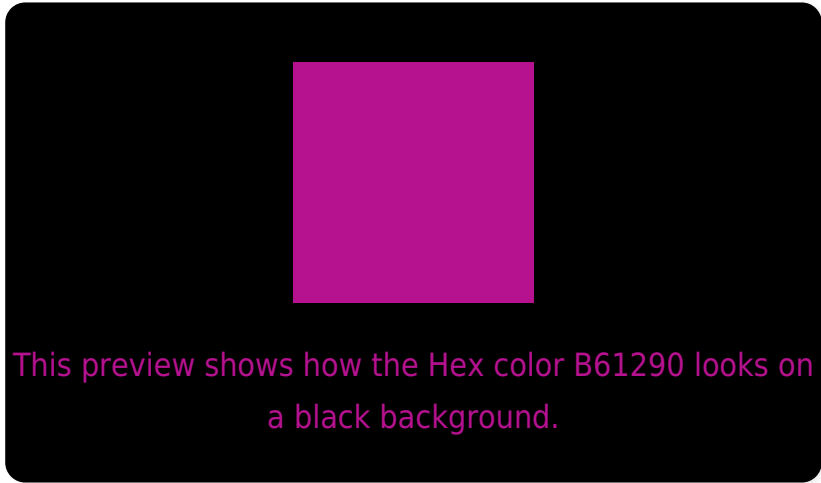
Large Text (above 18pt) WCAG AA ✓ Pass

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

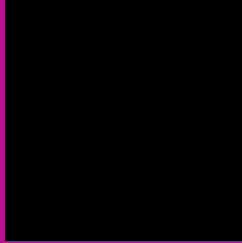
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B61290 Background



This preview shows how black text looks on a background with the Hex color B61290.

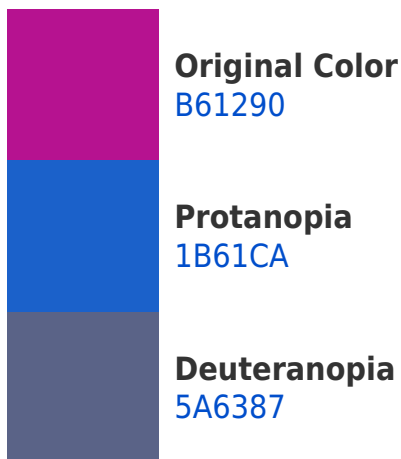


This preview shows how white text looks on a background with the Hex color B61290.

# 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





# Trichromacy



**Original Color**  
B61290



**Protanomaly**  
5344B5



**Deuteranomaly**  
7B468A

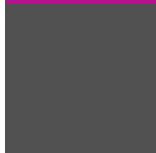


**Tritanomaly**  
B22B5C

# Monochromacy



**Original Color**  
B61290



**Achromatopsia**  
515151



**Achromatomaly**  
763A68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B61290 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 #B61290 looks like.

```
.text, #text, p{  
    color:#B61290  
}
```

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 #B61290 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B61290
}
```

## Border

The CSS property to change the border of an element to Hex B61290 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
#B61290 }
```

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

```
.border{ border-color:#B61290 }
```

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

Here you see how a box with a 4 pixel #B61290 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B61290; -webkit-box-shadow:4px 4px  
4px 4px #B61290; box-shadow:4px 4px 4px  
4px #B61290 }
```

# Background

The CSS property to change the background color of an element to Hex B61290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B61290 }
```

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

```
.background{ background-color:#B61290 }
```

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