

# Converting Colors

Hex(B01C7A)

Have a look what the booklet for  
Hex(B01C7A) contains.

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# Color

**Hex(B01C7A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B01C7A
RGB	176, 28, 122
RGB Percent	69%, 11%, 48%
CMY	0.3098, 0.8902, 0.5216
CMYK	0.00, 0.84, 0.31, 0.31
HSL	322°, 73%, 40%
HSV	322°, 84%, 69%
XYZ	21.8326, 11.4658, 19.4748
YIQ	82.9680, 58.0340, 60.6100

# Conversions

## Conversions Part 2

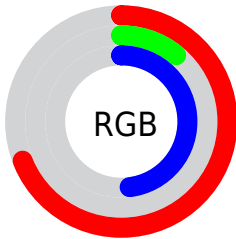
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 28, 122
Decimal	11541626
CIE <sub>Lab</sub>	40.35, 63.31, -15.52
CIE <sub>LCh</sub>	40, 65.184, 346.223
Yxy	11.4658, 0.4137, 0.2173
Android (android.graphics.Color)	4289731706 (0xFFB01C7A)
YUV	82.9680, 19.2428, 81.5891
Hunter-Lab	33.8611, 55.8343, -10.3970

# Details

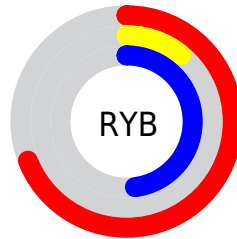
The Hex color **B01C7A** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **1CB052**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **EB5CAE**, and **760049** is the 20% darker color. If you saturate the color by 10%, you get **B00A74**, and if you desaturate by 10%, it is **B02E80**.

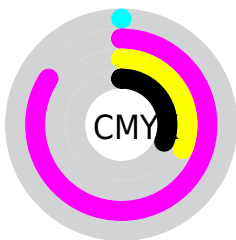
# Distribution



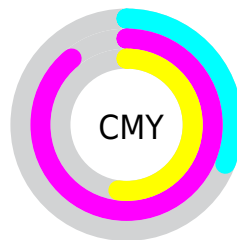
- Red (69%)
- Green (11%)
- Blue (48%)



- Red (69%)
- Yellow (11%)
- Blue (48%)



- Cyan (0%)
- Magenta (84%)
- Yellow (31%)
- Black (31%)



- Cyan (31%)
- Magenta (89%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B01C7A 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 B01C7A by changing the saturation by 10% instead.



 B01C7A

 B01C7A

FFFFFF

 930061

 EB5CAE

 760049

 FF79CA

 5A0033

 FF95E6

 41001E

 FFB2FF

 230001

 FFCFFF

 000000

 FFECFF

 B01C7A

 B01C7A

 B00A74

 B02E80

 B00070

 B03F87

 B0518D

 B06294

 B0749A

 B086A1

 B097A7

 B0A9AD

 B0BAB4

# Harmonies

## Analogous

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



8440AA



B01C7A



BA1645

# Triad

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



B01C7A



596600



0074AC

# Complementary

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



B01C7A



1CB052

# 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.



00767C



B01C7A



007000

# Square

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



B01C7A



885400



007444



006DC8

# Rectangle

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



B01C7A



B22D23



007444



00759D



# Sweetspot

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



B01C7A



E6ACD1



501CB0



735066



F2F2F2



737373



# Same Dimension

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



B01C7A



E60092



B01C32



595056



990061



1A0010



# Inverse Universe

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



B01C7A



E60092



1CB09A



595056



990061



1A0010



# Previews

## White Background



This preview shows how the Hex color B01C7A looks on a white background.

## Color Contrast Check

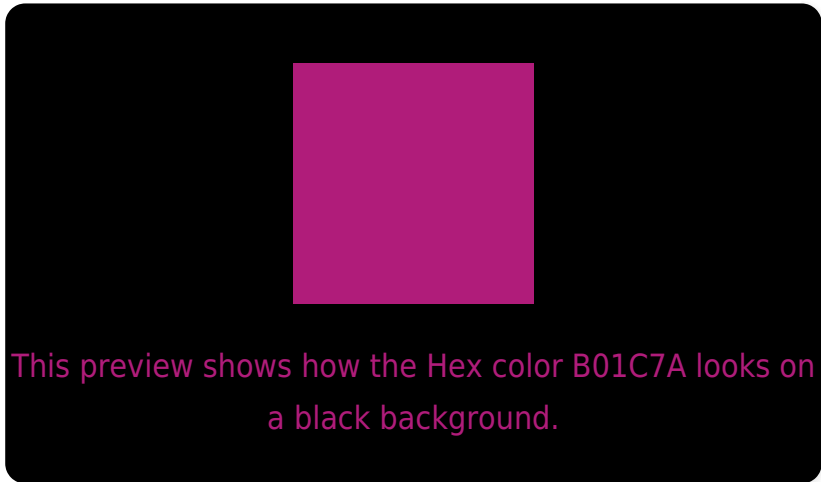
Large Text (above 18pt) WCAG AA ✓ Pass

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

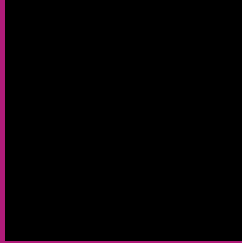
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B01C7A Background



This preview shows how black text looks on a background with the Hex color B01C7A.

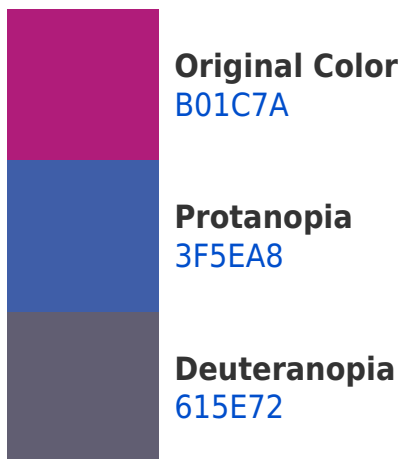


This preview shows how white text looks on a background with the Hex color B01C7A.

# 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**  
B01C7A



**Protanomaly**  
684697



**Deuteranomaly**  
7E4675



**Tritanomaly**  
AD2C50

# Monochromacy



**Original Color**  
B01C7A



**Achromatopsia**  
535353



**Achromatomaly**  
753F61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B01C7A 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 #B01C7A looks like.

```
.text, #text, p{  
    color:#B01C7A  
}
```

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 #B01C7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B01C7A
}
```

## Border

The CSS property to change the border of an element to Hex B01C7A is called "border". The border property can be set on classes, ids or directly on the HTML element.

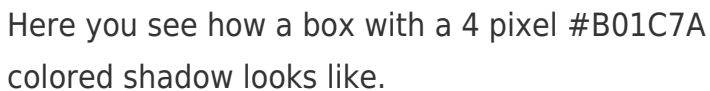
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B01C7A }
```

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

```
.border{ border-color:#B01C7A }
```

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



Here you see how a box with a 4 pixel `#B01C7A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B01C7A; -webkit-box-shadow:4px 4px  
4px 4px #B01C7A; box-shadow:4px 4px 4px  
4px #B01C7A }
```

# Background

The CSS property to change the background color of an element to Hex B01C7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B01C7A }
```

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

```
.background{ background-color:#B01C7A }
```

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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