

# Converting Colors

Hex(B01C74)

Have a look what the booklet for  
Hex(B01C74) contains.

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**Color**

**Hex(B01C74)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B01C74
RGB	176, 28, 116
RGB Percent	69%, 11%, 45%
CMY	0.3098, 0.8902, 0.5451
CMYK	0.00, 0.84, 0.34, 0.31
HSL	324°, 73%, 40%
HSV	324°, 84%, 69%
XYZ	21.4721, 11.3216, 17.5766
YIQ	82.2840, 59.9600, 58.7440

# Conversions

## Conversions Part 2

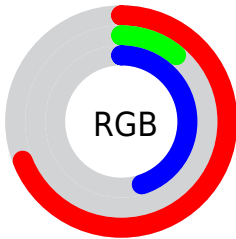
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 28, 116
Decimal	11541620
CIELab	40.12, 62.64, -12.15
CIELCh	40, 63.803, 349.027
Yxy	11.3216, 0.4263, 0.2248
Android (android.graphics.Color)	4289731700 (0xFFB01C74)
YUV	82.2840, 16.6220, 82.1889
Hunter-Lab	33.6475, 55.0264, -7.4182

# Details

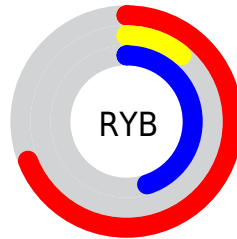
The Hex color **B01C74** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **1CB058**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **EC5CA8**, and **760044** is the 20% darker color. If you saturate the color by 10%, you get **B00A6D**, and if you desaturate by 10%, it is **B02E7B**.

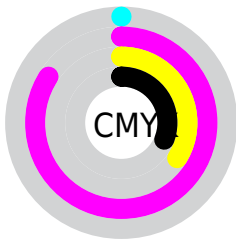
# Distribution



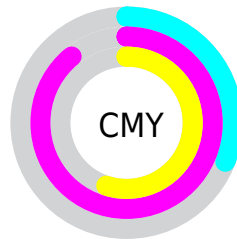
- Red (69%)
- Green (11%)
- Blue (45%)



- Red (69%)
- Yellow (11%)
- Blue (45%)



- Cyan (0%)
- Magenta (84%)
- Yellow (34%)
- Black (31%)



- Cyan (31%)
- Magenta (89%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B01C74 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 B01C74 by changing the saturation by 10% instead.



 B01C74

 B01C74

FFFFFF

 93005B

 EC5CA8

 760044

 FF78C3

 5A002E

 FF95DF

 41001A

 FFB1FC

 220001

 FFCEFF

 000000

 FFECFF

 B01C74

 B01C74

 B00A6D

 B02E7B

 B00069

 B03F82

 B05189

 B06291

 B07498

 B0869F

 B097A6

 B0A9AD

 B0BAB4

# Harmonies

## Analogous

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



883EA4



B01C74



B71C40

# Triad

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



B01C74



546600



0073AD

# Complementary

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



B01C74



1CB058

# 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.



00757F



B01C74



006F0C

# Square

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



B01C74



835500



007449



006BC6

# Rectangle

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



B01C74



AE311F



007449



0074A0



# Sweetspot

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



B01C74



E6ACCE



571CB0



735065



F2F2F2



737373



# Same Dimension

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



B01C74



E60088



B01C2B



595056



99005B



1A000F



# Inverse Universe

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



B01C74



E60088



1CB0A1



595056



99005B



1A000F



# Previews

## White Background



This preview shows how the Hex color B01C74 looks on a white background.

## Color Contrast Check

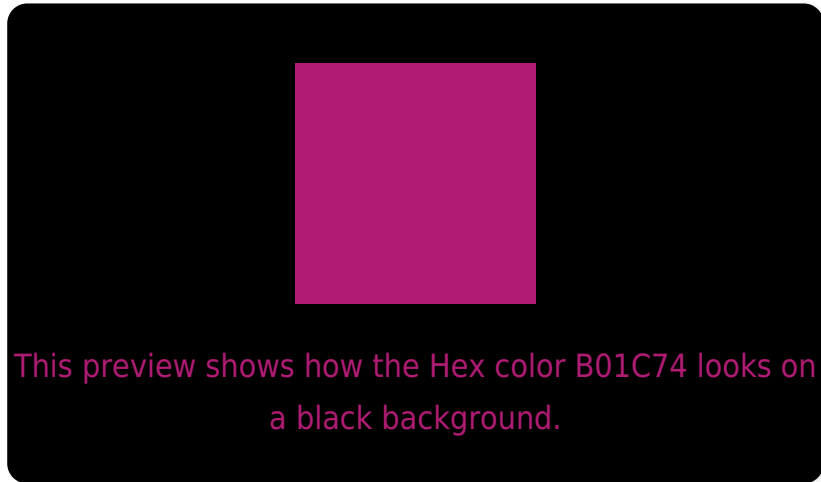
Large Text (above 18pt) WCAG AA ✓ Pass

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 B01C74 Background



This preview shows how black text looks on a background with the Hex color B01C74.

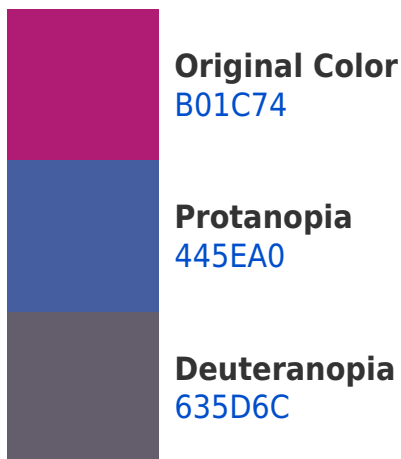


This preview shows how white text looks on a background with the Hex color B01C74.

# 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**  
B01C74

**Protanomaly**  
6B4690

**Deuteranomaly**  
7F456F

**Tritanomaly**  
AD2B4D

# Monochromacy



**Original Color**  
B01C74

**Achromatopsia**  
525252

**Achromatomaly**  
743E5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B01C74 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 #B01C74 looks like.

```
.text, #text, p{  
    color:#B01C74  
}
```

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 #B01C74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B01C74
}
```

## Border

The CSS property to change the border of an element to Hex B01C74 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
#B01C74 }
```

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

```
.border{ border-color:#B01C74 }
```

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

Here you see how a box with a 4 pixel #B01C74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B01C74; -webkit-box-shadow:4px 4px  
4px 4px #B01C74; box-shadow:4px 4px 4px  
4px #B01C74 }
```

# Background

The CSS property to change the background color of an element to Hex B01C74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B01C74 }
```

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

```
.background{ background-color:#B01C74 }
```

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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