

# Converting Colors

Hex(B73177)

Have a look what the booklet for  
Hex(B73177) contains.

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**Color**

**Hex(B73177)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B73177
RGB	183, 49, 119
RGB Percent	72%, 19%, 47%
CMY	0.2824, 0.8078, 0.5333
CMYK	0.00, 0.73, 0.35, 0.28
HSL	329°, 58%, 45%
HSV	329°, 73%, 72%
XYZ	23.9565, 13.5958, 18.8144
YIQ	97.0460, 57.3940, 50.1780

# Conversions

## Conversions Part 2

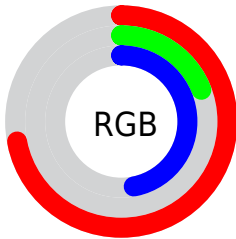
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 49, 119
Decimal	12005751
CIE Lab	43.65, 58.74, -8.56
CIE LCh	44, 59.357, 351.712
Yxy	13.5958, 0.4250, 0.2412
Android (android.graphics.Color)	4290195831 (0xFFB73177)
YUV	97.0460, 10.8233, 75.3817
Hunter-Lab	36.8725, 51.4468, -4.4422

# Details

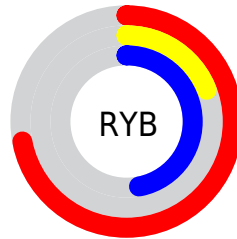
The Hex color **B73177** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **31B771**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **F36BAB**, and **7D0047** is the 20% darker color. If you saturate the color by 10%, you get **B71F6E**, and if you desaturate by 10%, it is **B74380**.

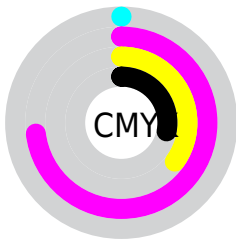
# Distribution



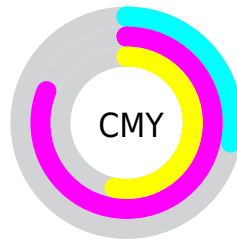
- Red (72%)
- Green (19%)
- Blue (47%)



- Red (72%)
- Yellow (19%)
- Blue (47%)



- Cyan (0%)
- Magenta (73%)
- Yellow (35%)
- Black (28%)



- Cyan (28%)
- Magenta (81%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B73177 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 B73177 by changing the saturation by 10% instead.



 B73177

 B73177

FFFFFF

 9A085E

 F36BAB

 7D0047

 FF87C6

 610030

 FFA3E2

 46001C

 FFBFFF

 2C0001

 FFDCFF

 000000

 FFFAFF

 B73177

 B73177

 B71F6E

 B74380

 B70C66

 B75688

 B70060

 B76891

 B77A9A

 B78CA3

 B79FAB

 B7B1B4

 B7C3BD

 B7D6C6

# Harmonies

## Analogous

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



9448A5



B73177



BC3446

# Triad

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



B73177



5B6F00



007AB4

# Complementary

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



B73177



31B771

# 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.



007D8A



B73177



047824

# Square

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



B73177



886000



007C57



0071C9

# Rectangle

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



B73177



B34227



007C57



007CA8



# Sweetspot

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



B73177



EDB9D4



7031B7



785969



F7F7F7



787878



# Same Dimension

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



B73177



ED1C89



B73135



5C5357



9C0051



1C000F



# Inverse Universe

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



B73177



ED1C89



31B7B3



5C5357



9C0051



1C000F



# Previews

## White Background



This preview shows how the Hex color B73177 looks on a white background.

## Color Contrast Check

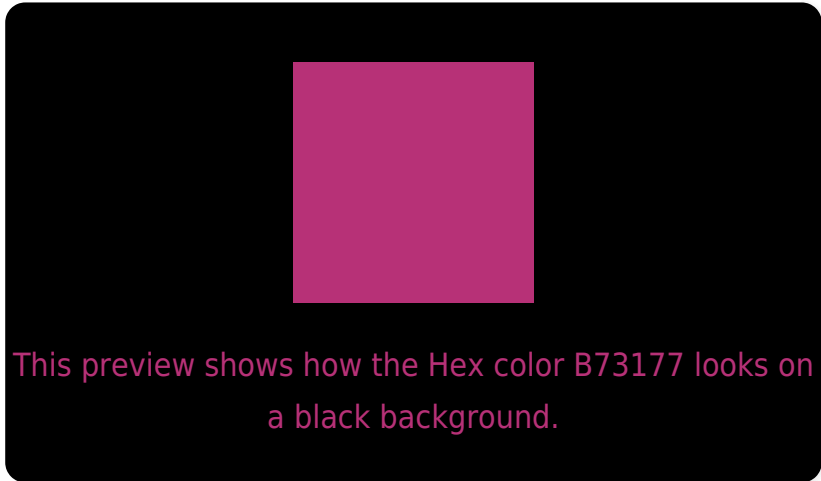
Large Text (above 18pt) WCAG AA ✓ Pass

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 B73177 Background



This preview shows how black text looks on a background with the Hex color B73177.



This preview shows how white text looks on a background with the Hex color B73177.

# 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](#).

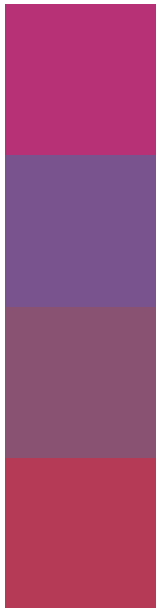
## Dichromacy





**Tritanopia**  
B33F43

# Trichromacy



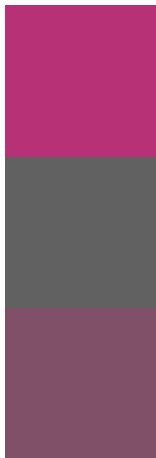
**Original Color**  
B73177

**Protanomaly**  
79538E

**Deuteranomaly**  
895273

**Tritanomaly**  
B43A56

# Monochromacy



**Original Color**  
B73177

**Achromatopsia**  
616161

**Achromatomaly**  
805069

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B73177 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 #B73177 looks like.

```
.text, #text, p{  
  color:#B73177  
}
```

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 #B73177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B73177  
}
```

## Border

The CSS property to change the border of an element to Hex B73177 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  
#B73177 }
```

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

```
.border{ border-color:#B73177 }
```

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

Here you see how a box with a 4 pixel #B73177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B73177; -webkit-box-shadow:4px 4px  
4px 4px #B73177; box-shadow:4px 4px 4px  
4px #B73177 }
```

# Background

The CSS property to change the background color of an element to Hex B73177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B73177 }
```

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

```
.background{ background-color:#B73177 }
```

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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