

# Converting Colors

Hex(B73A91)

Have a look what the booklet for  
Hex(B73A91) contains.

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**Color**

**Hex(B73A91)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B73A91</a>
RGB	<a href="#">183, 58, 145</a>
RGB Percent	<a href="#">72%, 23%, 57%</a>
CMY	<a href="#">0.2824, 0.7725, 0.4314</a>
<a href="#">CMYK</a>	<a href="#">0.00, 0.68, 0.21, 0.28</a>
HSL	<a href="#">318°, 52%, 47%</a>
HSV	<a href="#">318°, 68%, 72%</a>
XYZ	<a href="#">26.1523, 15.1377, 28.3316</a>
YIQ	<a href="#">105.2930, 46.5730, 53.5570</a>

# Conversions

## Conversions Part 2

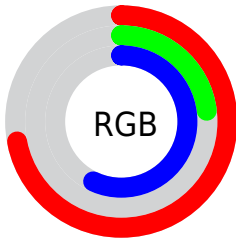
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 58, 145
Decimal	12008081
CIE <sub>Lab</sub>	45.82, 58.73, -21.09
CIE <sub>LCh</sub>	46, 62.405, 340.245
Yxy	15.1377, 0.3756, 0.2174
Android (android.graphics.Color)	4290198161 (0xFFB73A91)
YUV	105.2930, 19.5756, 68.1490
Hunter-Lab	38.9072, 51.8950, -15.9389

# Details

The Hex color **B73A91** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **3AB760**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **F272C7**, and **7E005E** is the 20% darker color. If you saturate the color by 10%, you get **B7288B**, and if you desaturate by 10%, it is **B74C97**.

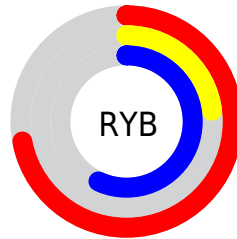
# Distribution



Red (72%)

Green (23%)

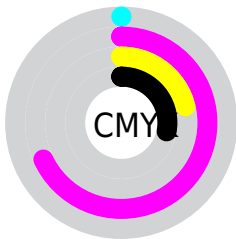
Blue (57%)



Red (72%)

Yellow (23%)

Blue (57%)

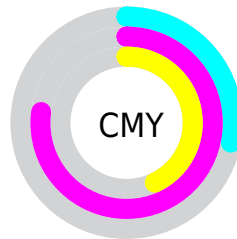


Cyan (0%)

Magenta (68%)

Yellow (21%)

Black (28%)



Cyan (28%)

Magenta (77%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B73A91 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 B73A91 by changing the saturation by 10% instead.



 B73A91

 B73A91

FFFFFF

 9A1977

 F272C7

 7E005E

 FF8EE3

 630046

 FFAAFF

 480030

 FFC7FF

 2E001B

 FFE4FF

 000000

 B73A91

 B73A91

 B7288B

 B74C97

 B71586

 B75F9C

 B70380

 B771A2

 B7007F

 B783A7

 B795AD

 B7A8B2

 B7BAB8

 B7CCBE

 B7DFC3

# Harmonies

## Analogous

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



8455BD



B73A91



C8305D

# Triad

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



B73A91



737000



0082AF

# Complementary

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



B73A91



3AB760

# 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.



00847E



B73A91



377C0B

# Square

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



B73A91



9F5D00



008247



007CCF

# Rectangle

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



B73A91



C33B3B



008247



0083A0



# Sweetspot

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



B73A91



EDBEDF



5F3AB7



785B6F



F7F7F7



787878



# Same Dimension

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



B73A91



ED2BB2



B73A53



5C5359



9C006C



1C0014



# Inverse Universe

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



B73A91



ED2BB2



3AB79E



5C5359



9C006C



1C0014



# Previews

## White Background



This preview shows how the Hex color B73A91 looks on a white background.

## Color Contrast Check

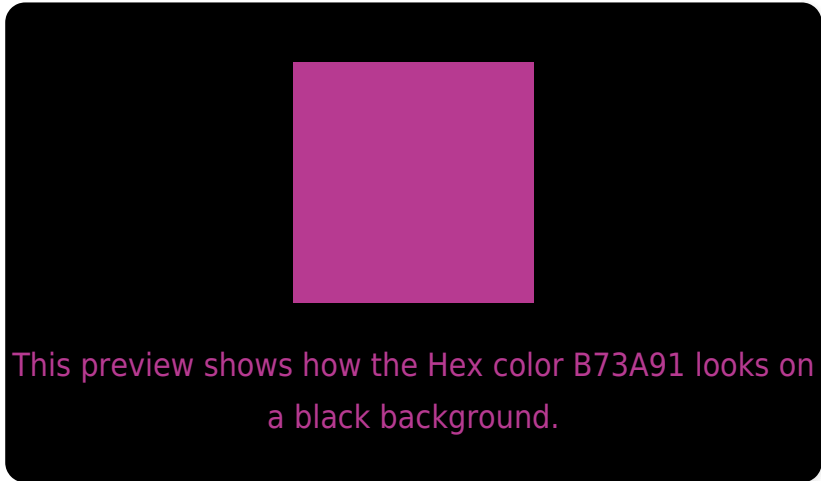
Large Text (above 18pt) WCAG AA ✓ Pass

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

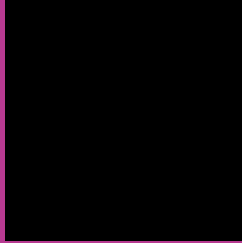
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B73A91 Background



This preview shows how black text looks on a background with the Hex color B73A91.

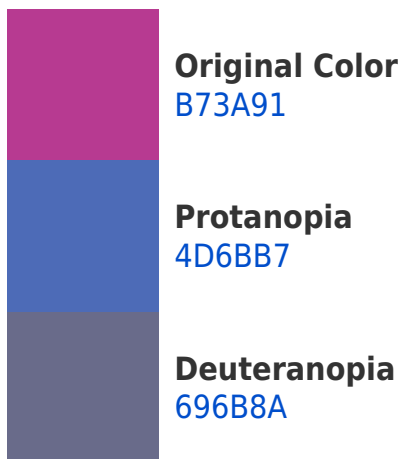


This preview shows how white text looks on a background with the Hex color B73A91.

# 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](#).

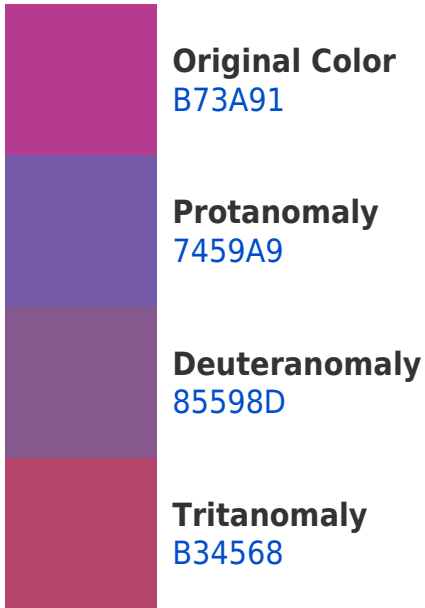
## Dichromacy



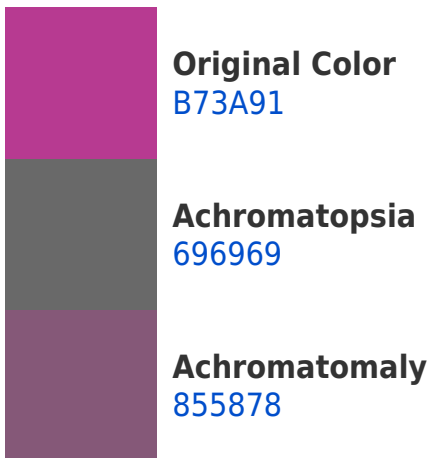


**Tritanopia**  
B14C51

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B73A91 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 #B73A91 looks like.

```
.text, #text, p{  
    color:#B73A91  
}
```

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 #B73A91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B73A91
}
```

## Border

The CSS property to change the border of an element to Hex B73A91 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
#B73A91 }
```

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

```
.border{ border-color:#B73A91 }
```

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

Here you see how a box with a 4 pixel #B73A91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B73A91; -webkit-box-shadow:4px 4px  
4px 4px #B73A91; box-shadow:4px 4px 4px  
4px #B73A91 }
```

# Background

The CSS property to change the background color of an element to Hex B73A91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B73A91 }
```

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

```
.background{ background-color:#B73A91 }
```

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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