

# Converting Colors

Hex(B23B93)

Have a look what the booklet for  
Hex(B23B93) contains.

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**Color**

**Hex(B23B93)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B23B93</a>
RGB	<a href="#">178, 59, 147</a>
RGB Percent	<a href="#">70%, 23%, 58%</a>
CMY	<a href="#">0.3020, 0.7686, 0.4235</a>
<a href="#">CMYK</a>	<a href="#">0.00, 0.67, 0.17, 0.30</a>
HSL	<a href="#">316°, 50%, 46%</a>
HSV	<a href="#">316°, 67%, 70%</a>
XYZ	<a href="#">25.1905, 14.6995, 29.1134</a>
YIQ	<a href="#">104.6130, 42.6760, 52.5960</a>

# Conversions

## Conversions Part 2

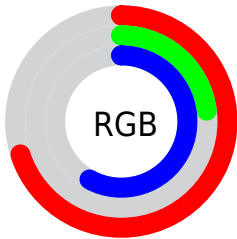
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	178, 59, 147
Decimal	11680659
CIE <sub>Lab</sub>	45.22, 57.29, -23.30
CIE <sub>LCh</sub>	45, 61.847, 337.873
Yxy	14.6995, 0.3651, 0.2130
Android (android.graphics.Color)	4289870739 (0xFFB23B93)
YUV	104.6130, 20.8968, 64.3604
Hunter-Lab	38.3399, 50.1852, -18.1838

# Details

The Hex color **B23B93** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **3BB25A**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **EC73C9**, and **7A0060** is the 20% darker color. If you saturate the color by 10%, you get **B2298E**, and if you desaturate by 10%, it is **B24D98**.

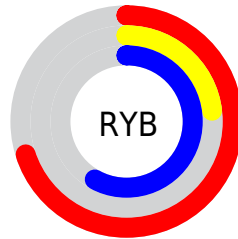
# Distribution



Red (70%)

Green (23%)

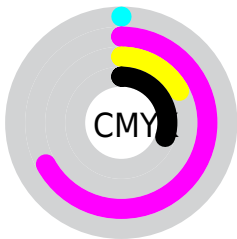
Blue (58%)



Red (70%)

Yellow (23%)

Blue (58%)

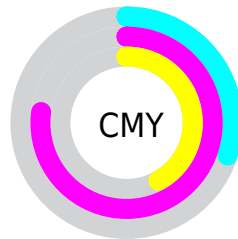


Cyan (0%)

Magenta (67%)

Yellow (17%)

Black (30%)



Cyan (30%)

Magenta (77%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B23B93 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 B23B93 by changing the saturation by 10% instead.



 B23B93

 B23B93

FFFFFF

 961B79

 EC73C9

 7A0060

 FF8EE5

 5E0048

 FFAAFF

 440031

 FFC7FF

 2B001C

 FFE4FF

 000000

 B23B93

 B23B93

 B2298E

 B24D98

 B2178A

 B25F9C

 B20685

 B270A1

 B20084

 B282A6

 B294AA

 B2A6AF

 B2B8B3

 B2C9B8

 B2DBBD

# Harmonies

## Analogous

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



7C56BD



B23B93



C52E60

# Triad

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



B23B93



756D00



0081AA

# Complementary

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



B23B93



3BB25A

# 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.



008278



B23B93



3C7904

# Square

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



B23B93



A05A00



007F42



007BCB

# Rectangle

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



B23B93



C2383E



007F42



00829A



# Sweetspot

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



B23B93



E8BADC



593BB2



75596E



F5F5F5



757575



# Same Dimension

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



B23B93



E82EB8



B23B59



595057



990071



1A0013



# Inverse Universe

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



B23B93



E82EB8



3BB294



595057



990071



1A0013



# Previews

## White Background



This preview shows how the Hex color B23B93 looks on a white background.

## Color Contrast Check

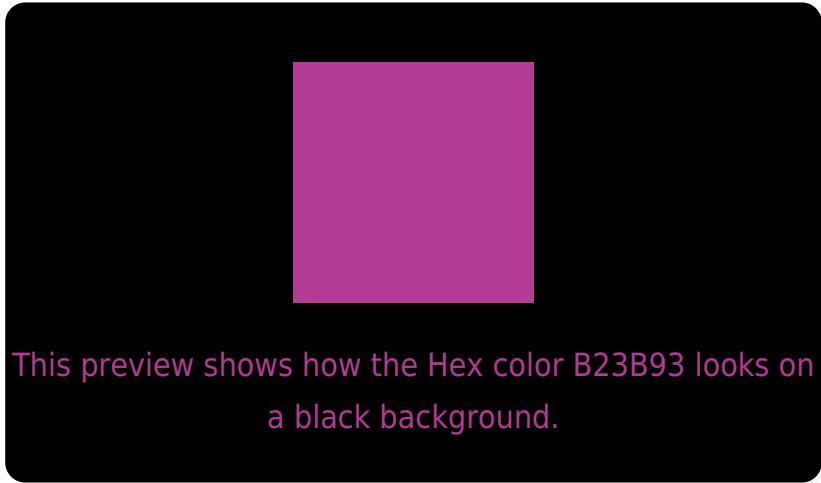
Large Text (above 18pt) WCAG AA ✓ Pass

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

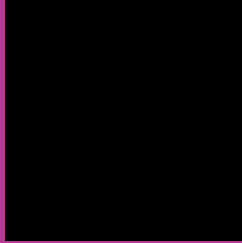
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B23B93 Background



This preview shows how black text looks on a background with the Hex color B23B93.



This preview shows how white text looks on a background with the Hex color B23B93.

# Color Blindness Simulation

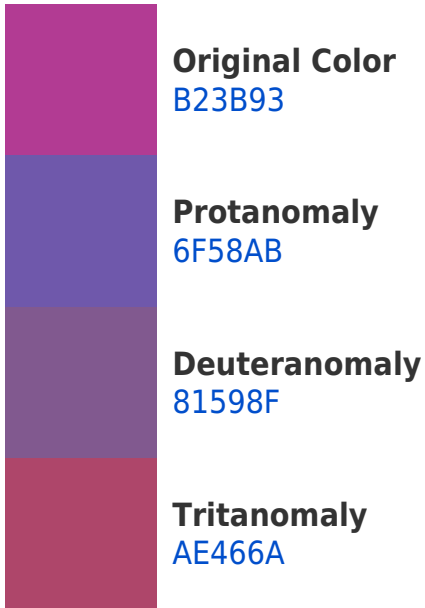
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

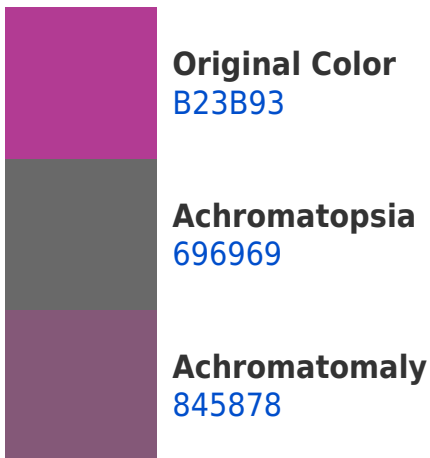




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B23B93 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 #B23B93 looks like.

```
.text, #text, p{  
    color:#B23B93  
}
```

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 #B23B93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B23B93
}
```

## Border

The CSS property to change the border of an element to Hex B23B93 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
#B23B93 }
```

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

```
.border{ border-color:#B23B93 }
```

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

Here you see how a box with a 4 pixel #B23B93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B23B93; -webkit-box-shadow:4px 4px  
4px 4px #B23B93; box-shadow:4px 4px 4px  
4px #B23B93 }
```

# Background

The CSS property to change the background color of an element to Hex B23B93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B23B93 }
```

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

```
.background{ background-color:#B23B93 }
```

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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