

# Converting Colors

Hex(8B23BB)

Have a look what the booklet for  
Hex(8B23BB) contains.

<b>Hex(8B23BB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(8B23BB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B23BB
RGB	139, 35, 187
RGB Percent	55%, 14%, 73%
CMY	0.4549, 0.8627, 0.2667
CMYK	0.26, 0.81, 0.00, 0.27
HSL	281°, 68%, 44%
HSV	281°, 81%, 73%
XYZ	20.2181, 10.2789, 47.9321
YIQ	83.4240, 13.1920, 69.3200

# Conversions

## Conversions Part 2

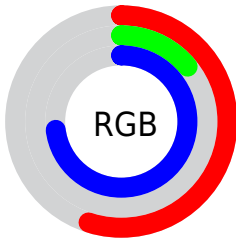
Format	Color
R <sub>Y</sub> B	139, 35, 187
Decimal	9118651
CIE Lab	38.34, 64.26, -58.46
CIE LCh	38, 86.867, 317.706
Yxy	10.2789, 0.2578, 0.1311
Android (android.graphics.Color)	4287308731 (0xFF8B23BB)
YUV	83.4240, 51.0630, 48.7402
Hunter-Lab	32.0607, 56.4595, -66.1986

# Details

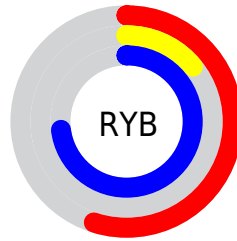
The Hex color **8B23BB** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **53BB23**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **C55EF4**, and **520085** is the 20% darker color. If you saturate the color by 10%, you get **8510BB**, and if you desaturate by 10%, it is **9136BB**.

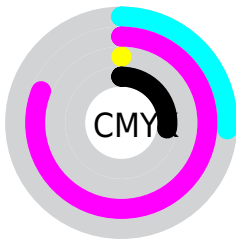
# Distribution



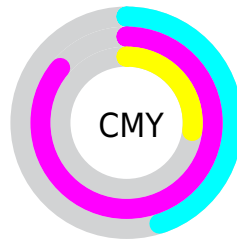
- Red (55%)
- Green (14%)
- Blue (73%)



- Red (55%)
- Yellow (14%)
- Blue (73%)



- Cyan (26%)
- Magenta (81%)
- Yellow (0%)
- Black (27%)



- Cyan (45%)
- Magenta (86%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B23BB 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 8B23BB by changing the saturation by 10% instead.



 8B23BB

 8B23BB

FFFFFF

 6F009F

 C55EF4

 520085

 E279FF

 36006B

 FF95FF

 1A0052

 FFB1FF

 000039

 FFCEFF

 000223

 FFE8FF

 000009

 000000

 8B23BB

 8B23BB

8510BB

9136BB

8000BB

9748BB

9D5BBB

A36EBB

A981BB

AE93BB

B4A6BB

BAB9BB

C0CBBB

# Harmonies

## Analogous

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



0056E4



8B23BB



C3007A

# Triad

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



8B23BB



864D00



007584

# Complementary

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



8B23BB



53BB23

# 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.



007339



8B23BB



476400

# Square

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



8B23BB



B41600



006E00



0074C3

# Rectangle

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



8B23BB



CE004C



006E00



00746C



# Sweetspot

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



8B23BB



E0B8F2



2353BB



6F577A



FAFAFA



7A7A7A



# Same Dimension

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



8B23BB



A705F2



BB239F



5B555E



6C009E



15001F



# Inverse Universe

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



BB2353



F20550



23BB3F



5E5558



9E0032



1F000A



# Previews

## White Background



This preview shows how the Hex color 8B23BB 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

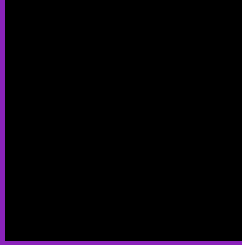
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B23BB Background



This preview shows how black text looks on a background with the Hex color 8B23BB.

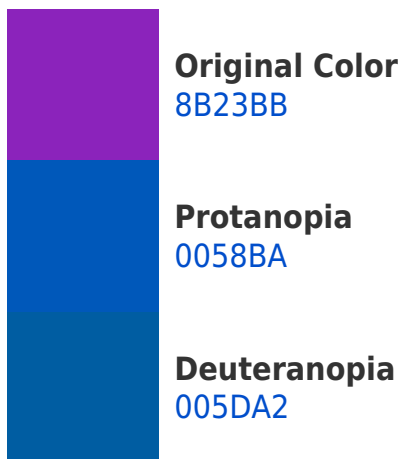



This preview shows how white text looks on a background with the Hex color 8B23BB.

# 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**  
7B4E54

# Trichromacy



**Original Color**  
8B23BB



**Protanomaly**  
3345BA



**Deuteranomaly**  
3348AB



**Tritanomaly**  
813E79

# Monochromacy



**Original Color**  
8B23BB



**Achromatopsia**  
535353



**Achromatomaly**  
674279

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B23BB 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 #8B23BB looks like.

```
.text, #text, p{  
    color:#8B23BB  
}
```

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 #8B23BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B23BB
}
```

## Border

The CSS property to change the border of an element to Hex 8B23BB is called "border". The border property can be set on classes, ids or directly on the HTML element.

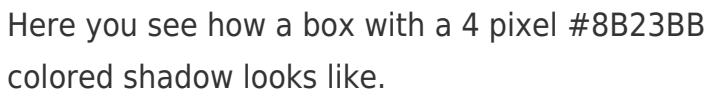
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B23BB }
```

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

```
.border{ border-color:#8B23BB }
```

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



Here you see how a box with a 4 pixel #8B23BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B23BB; -webkit-box-shadow:4px 4px  
4px 4px #8B23BB; box-shadow:4px 4px 4px  
4px #8B23BB }
```

# Background

The CSS property to change the background color of an element to Hex 8B23BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B23BB }
```

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

```
.background{ background-color:#8B23BB }
```

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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