

# Converting Colors

Hex(8C31BD)

Have a look what the booklet for  
Hex(8C31BD) contains.

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# Color

**Hex(8C31BD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C31BD
RGB	140, 49, 189
RGB Percent	55%, 19%, 74%
CMY	0.4510, 0.8078, 0.2588
CMYK	0.26, 0.74, 0.00, 0.26
HSL	279°, 59%, 47%
HSV	279°, 74%, 74%
XYZ	21.0988, 11.4462, 49.2414
YIQ	92.1690, 9.2960, 62.8320

# Conversions

## Conversions Part 2

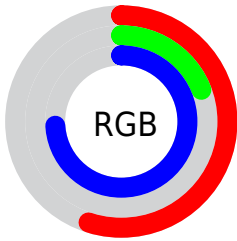
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 49, 189
Decimal	9187773
CIE <sub>Lab</sub>	40.32, 59.98, -56.41
CIE <sub>LCh</sub>	40, 82.336, 316.756
Yxy	11.4462, 0.2580, 0.1400
Android (android.graphics.Color)	4287377853 (0xFF8C31BD)
YUV	92.1690, 47.7377, 41.9478
Hunter-Lab	33.8322, 52.1118, -62.6116

# Details

The Hex color **8C31BD** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **62BD31**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **C568F6**, and **540087** is the 20% darker color. If you saturate the color by 10%, you get **851EBD**, and if you desaturate by 10%, it is **9344BD**.

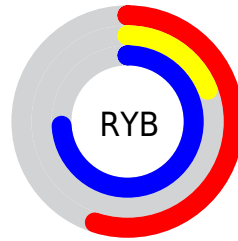
# Distribution



Red (55%)

Green (19%)

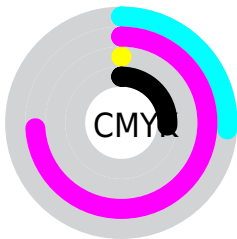
Blue (74%)



Red (55%)

Yellow (19%)

Blue (74%)

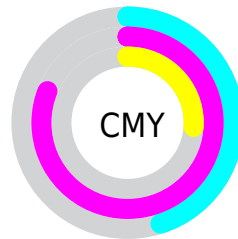


Cyan (26%)

Magenta (74%)

Yellow (0%)

Black (26%)



Cyan (45%)

Magenta (81%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C31BD 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 8C31BD by changing the saturation by 10% instead.



 8C31BD

 8C31BD

FFFFFF

 700FA1

 C568F6

 540087

 E383FF

 38006D


 FF9FFF

 1E0054

 FFBBFF

 00003B

 FFD8FF

 000224

 FFF5FF

 00010D

 000000

 8C31BD

 8C31BD

851EBD

9344BD

7F0BBD

9957BD

7B00BD

A06ABD

A67DBD

AD90BD

B4A2BD

BAB5BD

C1C8BD

C8DBBD

# Harmonies

## Analogous

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



005CE3



8C31BD



C30080

# Triad

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



8C31BD



8D5100



007984

# Complementary

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



8C31BD



62BD31

# 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.



00773D



8C31BD



516800

# Square

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



8C31BD



B82400



007300



0078C2

# Rectangle

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



8C31BD



CF0053



007300



00796D



# Sweetspot

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



8C31BD



E2BFF5



3162BD



6F5B7A



FAFAFA



7A7A7A



# Same Dimension

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



8C31BD



A91BF5



BD31A8



5B555E



67009E



14001F



# Inverse Universe

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



BD3162



F51B67



31BD46



5E5558



9E0037

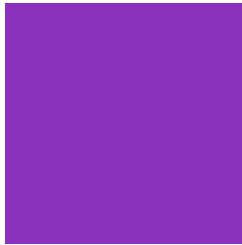


1F000B



# Previews

## White Background



This preview shows how the Hex color 8C31BD looks on a white background.

## Color Contrast Check

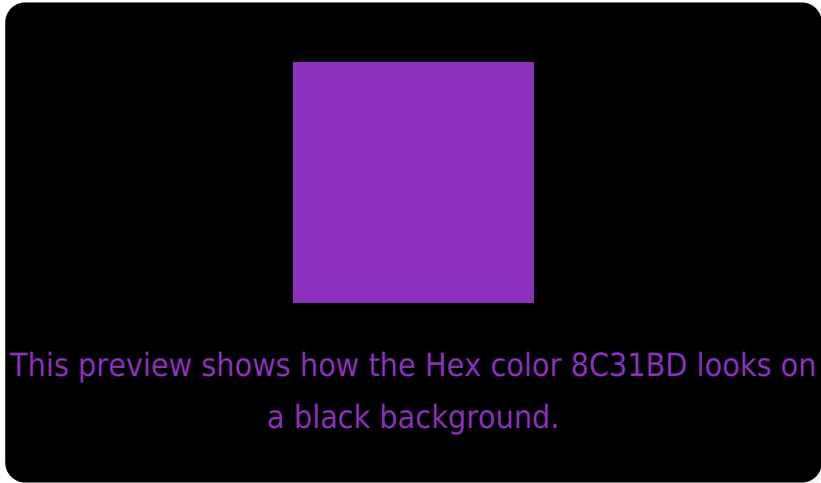
Large Text (above 18pt) WCAG AA ✓ Pass

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

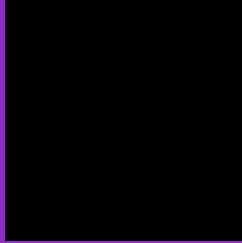
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8C31BD Background



This preview shows how black text looks on a background with the Hex color 8C31BD.

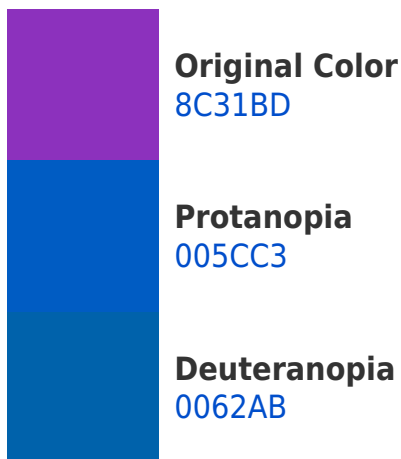


This preview shows how white text looks on a background with the Hex color 8C31BD.

# 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](#).

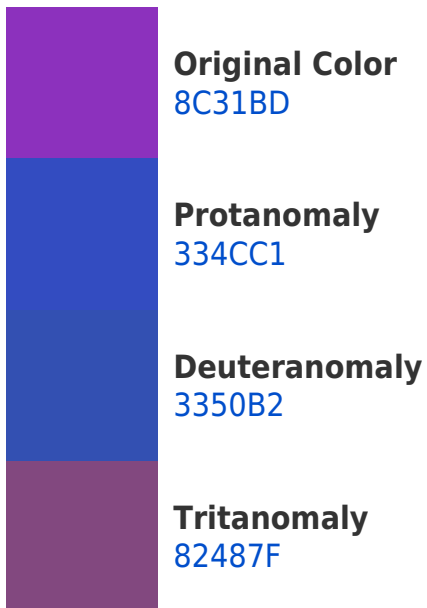
## Dichromacy





**Tritanopia**  
7C555B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C31BD 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 #8C31BD looks like.

```
.text, #text, p{  
    color:#8C31BD  
}
```

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 #8C31BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C31BD
}
```

## Border

The CSS property to change the border of an element to Hex 8C31BD is called "border". The border property can be set on classes, ids or directly on the HTML element.

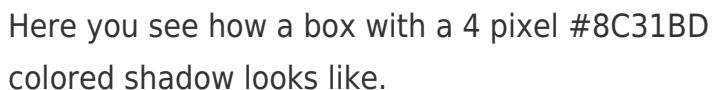
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C31BD }
```

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

```
.border{ border-color:#8C31BD }
```

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



Here you see how a box with a 4 pixel #8C31BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C31BD; -webkit-box-shadow:4px 4px  
4px 4px #8C31BD; box-shadow:4px 4px 4px  
4px #8C31BD }
```

# Background

The CSS property to change the background color of an element to Hex 8C31BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C31BD }
```

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

```
.background{ background-color:#8C31BD }
```

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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