

# Converting Colors

Hex(8D3597)

Have a look what the booklet for  
Hex(8D3597) contains.

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**Color**

**Hex(8D3597)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8D3597
RGB	141, 53, 151
RGB Percent	55%, 21%, 59%
CMY	0.4471, 0.7922, 0.4078
CMYK	0.07, 0.65, 0.00, 0.41
HSL	294°, 48%, 40%
HSV	294°, 65%, 59%
XYZ	17.8435, 10.4433, 30.3535
YIQ	90.4840, 20.9900, 49.1340

# Conversions

## Conversions Part 2

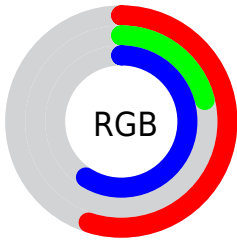
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 53, 151
Decimal	9254295
CIELab	38.63, 50.84, -36.47
CIELCh	39, 62.565, 324.347
Yxy	10.4433, 0.3043, 0.1781
Android (android.graphics.Color)	4287444375 (0xFF8D3597)
YUV	90.4840, 29.8344, 44.3025
Hunter-Lab	32.3161, 42.0067, -33.0679

# Details

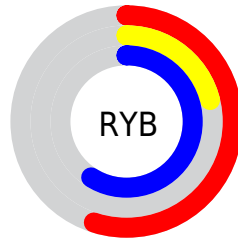
The Hex color **8D3597** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3F9735**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **C56ACE**, and **570063** is the 20% darker color. If you saturate the color by 10%, you get **8B2697**, and if you desaturate by 10%, it is **8F4497**.

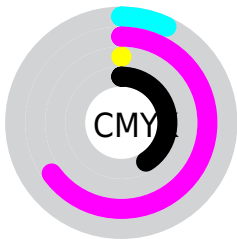
# Distribution



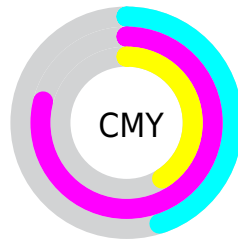
- Red (55%)
- Green (21%)
- Blue (59%)



- Red (55%)
- Yellow (21%)
- Blue (59%)



- Cyan (7%)
- Magenta (65%)
- Yellow (0%)
- Black (41%)



- Cyan (45%)
- Magenta (79%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D3597 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 8D3597 by changing the saturation by 10% instead.



 8D3597

 8D3597

FFFFFF

 72187D

 C56ACE

 570063

 E285EA

 3D004B

 FFA0FF

 270034

 FFBCFF

 00001E

 FFD9FF

 000000

 FFF6FF

 8D3597

 8D3597

 8B2697

 8F4497

8A1797

905397

880897

926297

880097

937197

958197

969097

989F97

99AE97

9BBD97

# Harmonies

## Analogous

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



3B52B9



8D3597



AE1467

# Triad

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



8D3597



775600



007184

# Complementary

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



8D3597



3F9735

# 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.



00704F



8D3597



476400

# Square

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



8D3597



9B3E00



006C18



006EAE

# Rectangle

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



8D3597



B21545



006C18



007173



# Sweetspot

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



8D3597



C19FC4



354097



614D63



E3E3E3



636363



# Same Dimension

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



8D3597



B52BC4



973571



4C454D



7E008C



0B000D



# Inverse Universe

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



97353F



C42B3B



35975B



4D4546



8C000E

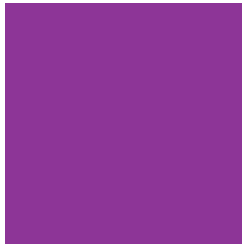


0D0001



# Previews

## White Background



This preview shows how the Hex color 8D3597 looks on a white background.

## Color Contrast Check

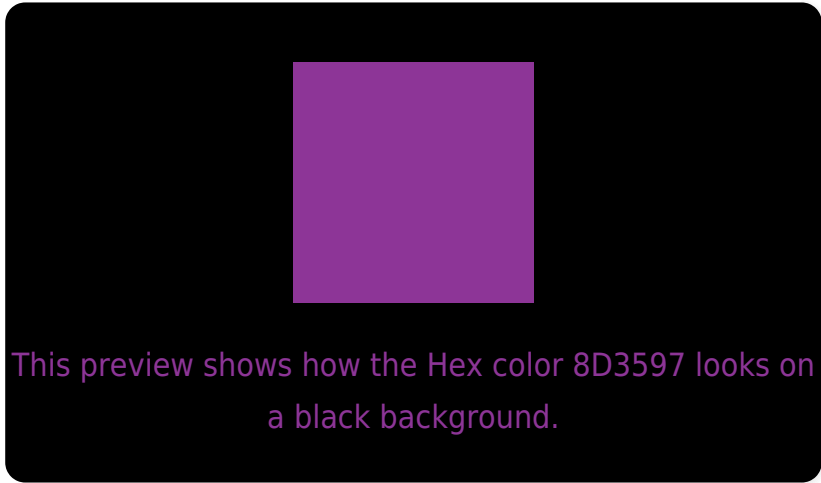
Large Text (above 18pt) WCAG AA ✓ Pass

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

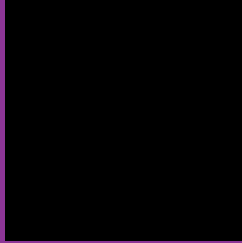
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8D3597 Background



This preview shows how black text looks on a background with the Hex color 8D3597.

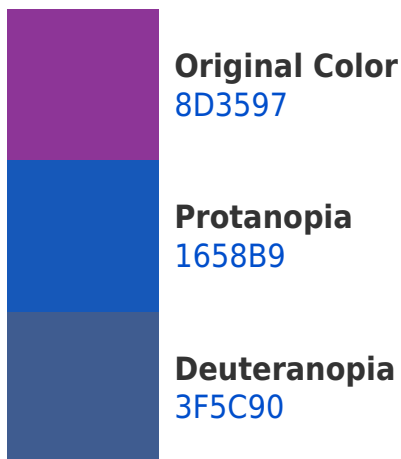


This preview shows how white text looks on a background with the Hex color 8D3597.

# 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**  
844B50

# Trichromacy



**Original Color**  
8D3597



**Protanomaly**  
414BAD



**Deuteranomaly**  
5B4E93



**Tritanomaly**  
87436A

# Monochromacy



**Original Color**  
8D3597



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
6D4D70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D3597 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 #8D3597 looks like.

```
.text, #text, p{  
    color:#8D3597  
}
```

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 #8D3597 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D3597
}
```

## Border

The CSS property to change the border of an element to Hex 8D3597 is called "border". The border property can be set on classes, ids or directly on the HTML element.

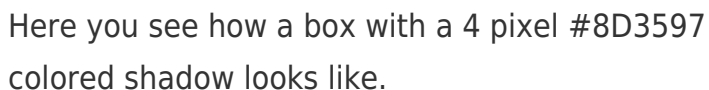
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8D3597 }
```

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

```
.border{ border-color:#8D3597 }
```

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



Here you see how a box with a 4 pixel #8D3597 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D3597; -webkit-box-shadow:4px 4px  
4px 4px #8D3597; box-shadow:4px 4px 4px  
4px #8D3597 }
```

# Background

The CSS property to change the background color of an element to Hex 8D3597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D3597 }
```

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

```
.background{ background-color:#8D3597 }
```

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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