

# Converting Colors

Hex(8D3EC0)

Have a look what the booklet for  
Hex(8D3EC0) contains.

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# Color

**Hex(8D3EC0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8D3EC0
RGB	141, 62, 192
RGB Percent	55%, 24%, 75%
CMY	0.4471, 0.7569, 0.2471
CMYK	0.27, 0.68, 0.00, 0.25
HSL	276°, 51%, 50%
HSV	276°, 68%, 75%
XYZ	22.2216, 12.9137, 51.1906
YIQ	100.4410, 5.3540, 57.1780

# Conversions

## Conversions Part 2

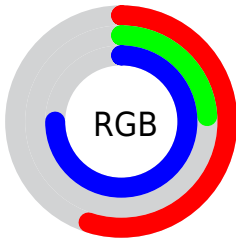
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	141, 62, 192
Decimal	9256640
CIE <sub>Lab</sub>	42.63, 55.29, -54.42
CIE <sub>LCh</sub>	43, 77.585, 315.454
Yxy	12.9137, 0.2574, 0.1496
Android (android.graphics.Color)	4287446720 (0xFF8D3EC0)
YUV	100.4410, 45.1386, 35.5702
Hunter-Lab	35.9357, 47.4916, -59.3039

# Details

The Hex color **8D3EC0** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **71C03E**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **C673F9**, and **55008A** is the 20% darker color. If you saturate the color by 10%, you get **852BC0**, and if you desaturate by 10%, it is **9551C0**.

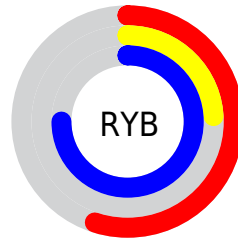
# Distribution



Red (55%)

Green (24%)

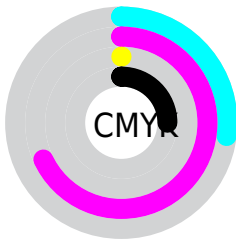
Blue (75%)



Red (55%)

Yellow (24%)

Blue (75%)

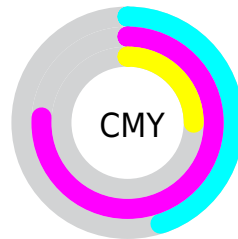


Cyan (27%)

Magenta (68%)

Yellow (0%)

Black (25%)



Cyan (45%)

Magenta (76%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D3EC0 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 8D3EC0 by changing the saturation by 10% instead.



 8D3EC0

 8D3EC0

FFFFFF

 7122A4

 C673F9

 55008A

 E38EFF

 3A006F

 FFAAFF

 1E0056

 FFC6FF

 00003E

 FFE2FF

 000327

 000110

 000000

 8D3EC0

 8D3EC0

852BC0

9551C0

7E18C0

9C64C0

7604C0

A478C0

7500C0

AB8BC0

B39EC0

BAB1C0

C2C4C0

C9D8C0

D1EBC0

# Harmonies

## Analogous

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



0062E3



8D3EC0



C40087

# Triad

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



8D3EC0



955600



007F85

# Complementary

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



8D3EC0



71C03E

# 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.



007D42



8D3EC0



5D6C00

# Square

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



8D3EC0



BD3000



007700



007DC0

# Rectangle

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



8D3EC0



D0005C



007700



007E6F



# Sweetspot

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



8D3EC0



E6C8FA



3E72C0



715F7D



FCFCFC



7D7D7D



# Same Dimension

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



8D3EC0



AA2FFA



C03EB3



5D5761



6200A1



140021



# Inverse Universe

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



C03E71



FA2F7F



3EC04B



61575B



A1003F



21000D



# Previews

## White Background



This preview shows how the Hex color 8D3EC0 looks on a white background.

## Color Contrast Check

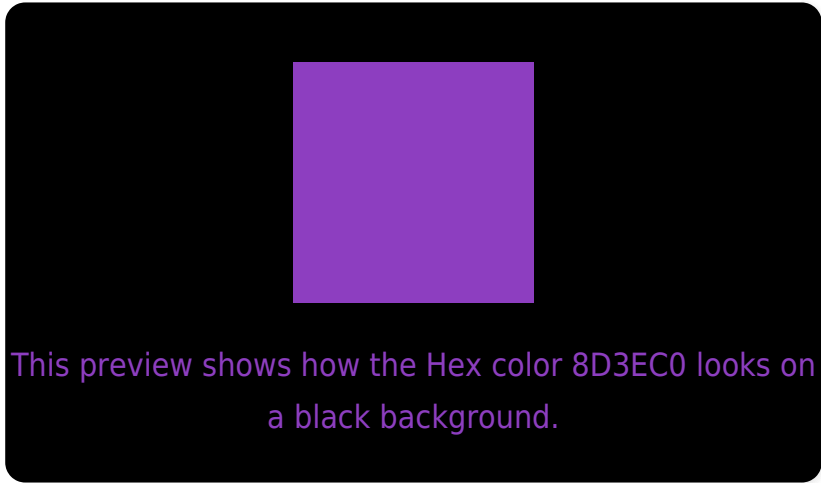
Large Text (above 18pt) WCAG AA ✓ Pass

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

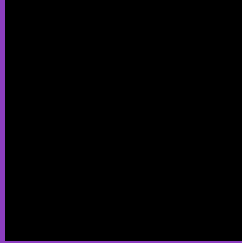
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8D3EC0 Background



This preview shows how black text looks on a background with the Hex color 8D3EC0.




This preview shows how white text looks on a background with the Hex color 8D3EC0.

# 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](#).

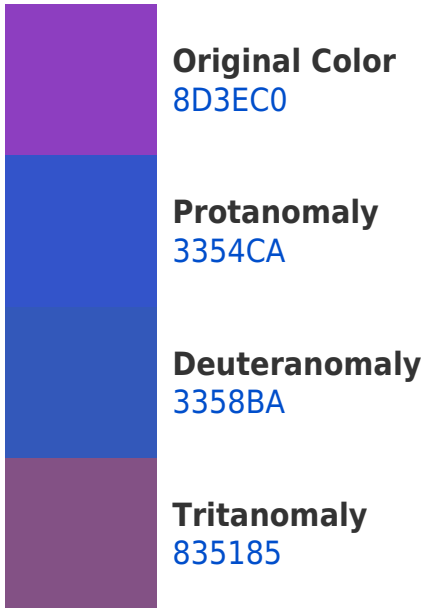
## Dichromacy



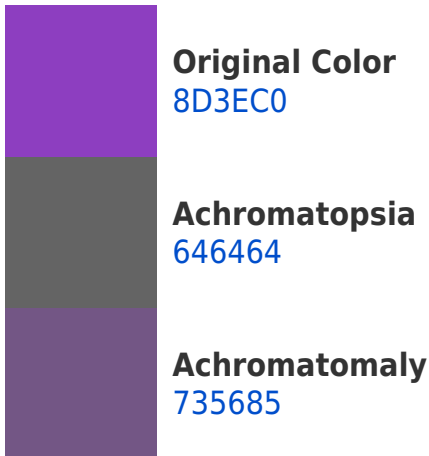


**Tritanopia**  
7D5C63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D3EC0 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 #8D3EC0 looks like.

```
.text, #text, p{  
    color:#8D3EC0  
}
```

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 #8D3EC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D3EC0
}
```

## Border

The CSS property to change the border of an element to Hex 8D3EC0 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
#8D3EC0 }
```

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

```
.border{ border-color:#8D3EC0 }
```

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

Here you see how a box with a 4 pixel #8D3EC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D3EC0; -webkit-box-shadow:4px 4px  
4px 4px #8D3EC0; box-shadow:4px 4px 4px  
4px #8D3EC0 }
```

# Background

The CSS property to change the background color of an element to Hex 8D3EC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D3EC0 }
```

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

```
.background{ background-color:#8D3EC0 }
```

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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