

# Converting Colors

Hex(833EC1)

Have a look what the booklet for  
Hex(833EC1) contains.

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# Color

**Hex(833EC1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	833EC1
RGB	131, 62, 193
RGB Percent	51%, 24%, 76%
CMY	0.4863, 0.7569, 0.2431
CMYK	0.32, 0.68, 0.00, 0.24
HSL	272°, 51%, 50%
HSV	272°, 68%, 76%
XYZ	20.7083, 12.1208, 51.7002
YIQ	97.5650, -0.9270, 55.3690

# Conversions

## Conversions Part 2

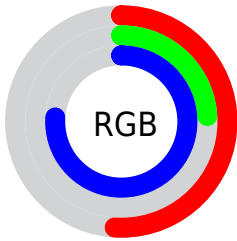
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 62, 193
Decimal	8601281
CIE <sub>Lab</sub>	41.41, 53.42, -57.05
CIE <sub>LCh</sub>	41, 78.157, 313.117
Yxy	12.1208, 0.2450, 0.1434
Android (android.graphics.Color)	4286791361 (0xFF833EC1)
YUV	97.5650, 47.0495, 29.3225
Hunter-Lab	34.8149, 45.2478, -63.6752

# Details

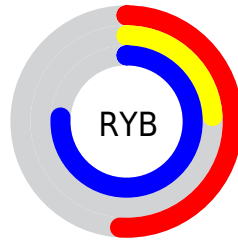
The Hex color **833EC1** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **7CC13E**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **BC72FA**, and **4B018A** is the 20% darker color. If you saturate the color by 10%, you get **7A2BC1**, and if you desaturate by 10%, it is **8C51C1**.

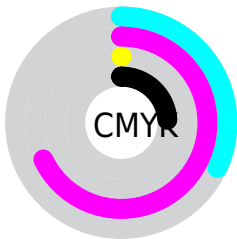
# Distribution



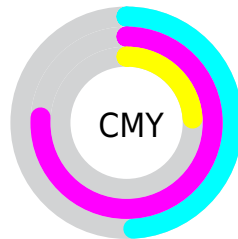
- Red (51%)
- Green (24%)
- Blue (76%)



- Red (51%)
- Yellow (24%)
- Blue (76%)



- Cyan (32%)
- Magenta (68%)
- Yellow (0%)
- Black (24%)



- Cyan (49%)
- Magenta (76%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 833EC1 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 833EC1 by changing the saturation by 10% instead.



 833EC1

 833EC1

FFFFFF

 6723A5

 BC72FA

 4B018A

 D98DFF

 2E0070

 F7A8FF

 100057

 FFC4FF

 00003F

 FFE1FF

 000328

FFFEFF

 000111

 000000

 833EC1

 833EC1

■ 7A2BC1

■ 8C51C1

■ 7117C1

■ 9565C1

■ 6804C1

■ 9E78C1

■ 6600C1

■ A88BC1

■ B19FC1

■ BAB2C1

■ C3C5C1

■ CCD8C1

■ D5ECC1

# Harmonies

## Analogous

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



0061E1



833EC1



BE0089

# Triad

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



833EC1



955100



007B7D

# Complementary

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



833EC1



7CC13E

# 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.



007939



833EC1



5E6800

# Square

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



833EC1



BC2703



007400



007BB9

# Rectangle

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



833EC1



CC005E



007400



007B67



# Sweetspot

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



833EC1



E2C8FA



3E7DC1



6F5F7D



FCFCFC



7D7D7D



# Same Dimension

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



833EC1



9A2FFA



C13EBF



5C5761



5500A1



110021



# Inverse Universe

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



C13E7C



FA2F8F



3EC140



61575C



A1004C

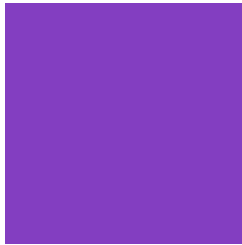


210010



# Previews

## White Background



This preview shows how the Hex color 833EC1 looks on a white background.

## Color Contrast Check

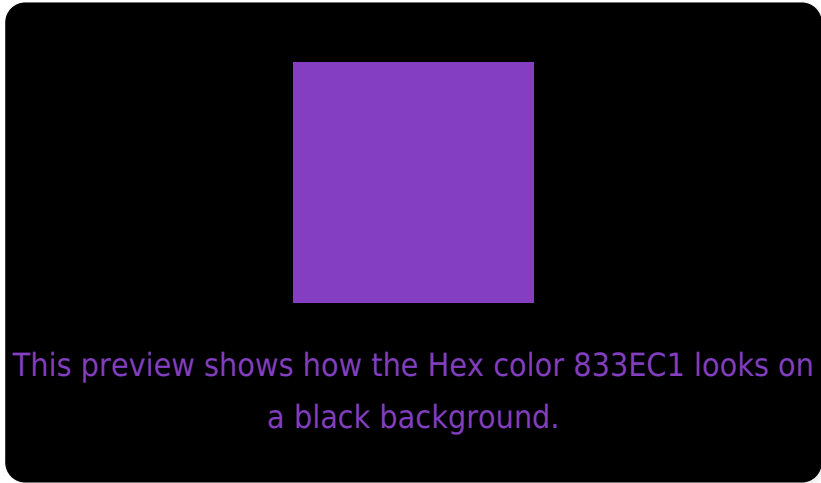
Large Text (above 18pt) WCAG AA ✓ Pass

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

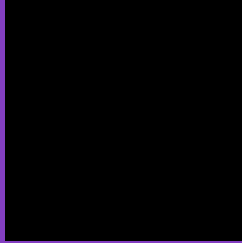
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 833EC1 Background



This preview shows how black text looks on a background with the Hex color 833EC1.

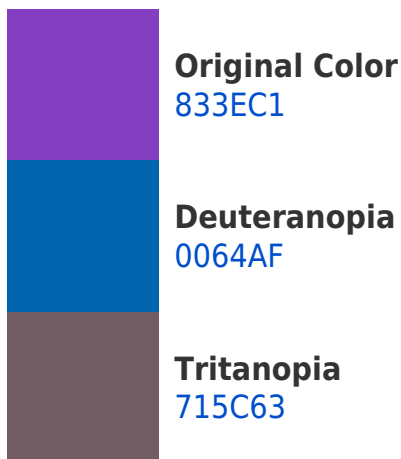


This preview shows how white text looks on a background with the Hex color 833EC1.

# 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



**Original Color**  
833EC1



**Deuteranomaly**  
3056B6



**Tritanomaly**  
785185

# Monochromacy



**Original Color**  
833EC1



**Achromatopsia**  
626262



**Achromatomaly**  
6E5585

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 833EC1 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 #833EC1 looks like.

```
.text, #text, p{  
    color:#833EC1  
}
```

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 #833EC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #833EC1
}
```

## Border

The CSS property to change the border of an element to Hex 833EC1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

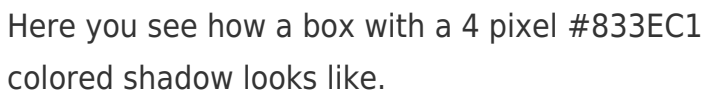
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#833EC1 }
```

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

```
.border{ border-color:#833EC1 }
```

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



Here you see how a box with a 4 pixel #833EC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #833EC1; -webkit-box-shadow:4px 4px  
4px 4px #833EC1; box-shadow:4px 4px 4px  
4px #833EC1 }
```

# Background

The CSS property to change the background color of an element to Hex 833EC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#833EC1 }
```

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

```
.background{ background-color:#833EC1 }
```

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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