

# Converting Colors

Hex(8633C9)

Have a look what the booklet for  
Hex(8633C9) contains.

<b>Hex(8633C9)</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(8633C9)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8633C9
RGB	134, 51, 201
RGB Percent	53%, 20%, 79%
CMY	0.4745, 0.8000, 0.2118
CMYK	0.33, 0.75, 0.00, 0.21
HSL	273°, 60%, 49%
HSV	273°, 75%, 79%
XYZ	21.5580, 11.6530, 56.3714
YIQ	92.9170, 1.3180, 64.2460

# Conversions

## Conversions Part 2

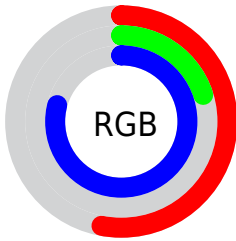
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	134, 51, 201
Decimal	8795081
CIE <sub>Lab</sub>	40.66, 60.70, -62.91
CIE <sub>LCh</sub>	41, 87.419, 313.980
Yxy	11.6530, 0.2406, 0.1301
Android (android.graphics.Color)	4286985161 (0xFF8633C9)
YUV	92.9170, 53.2849, 36.0298
Hunter-Lab	34.1365, 52.9877, -74.0130

# Details

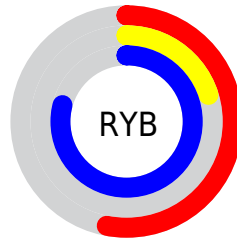
The Hex color **8633C9** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **76C933**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **C069FF**, and **4C0092** is the 20% darker color. If you saturate the color by 10%, you get **7D1FC9**, and if you desaturate by 10%, it is **8F47C9**.

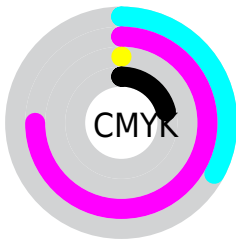
# Distribution



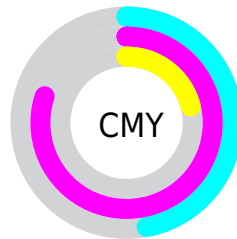
- Red (53%)
- Green (20%)
- Blue (79%)



- Red (53%)
- Yellow (20%)
- Blue (79%)



- Cyan (33%)
- Magenta (75%)
- Yellow (0%)
- Black (21%)



- Cyan (47%)
- Magenta (80%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8633C9 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 8633C9 by changing the saturation by 10% instead.



8633C9

8633C9

FFFFFF

6913AD

C069FF

4C0092

DE85FF

2E0077

FCA0FF

0D005E

FFBCFF

000045

FFD9FF

00032E

FFF6FF

000118

000000

8633C9

8633C9

7D1FC9

8F47C9

740BC9

985BC9

6F00C9

A16FC9

AA83C9

B398C9

BCACC9

C5C0C9

CED4C9

D7E8C9

# Harmonies

## Analogous

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



005FEE



8633C9



C70089

# Triad

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



8633C9



944E00



007B81

# Complementary

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



8633C9



76C933

# 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.



007935



8633C9



576700

# Square

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



8633C9



C11100



007400



007BC4

# Rectangle

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



8633C9



D5005A



007400



007B68



# Sweetspot

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



8633C9



E6C7FF



3377C9



715E80



000000



808080



# Same Dimension

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



8633C9



9819FF



C933C2



5F5A63



5A00A3



140024



# Inverse Universe

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



C93376



FF1980



33C93B



635A5E



A30049



240010



# Previews

## White Background



This preview shows how the Hex color 8633C9 looks on a white background.

## Color Contrast Check

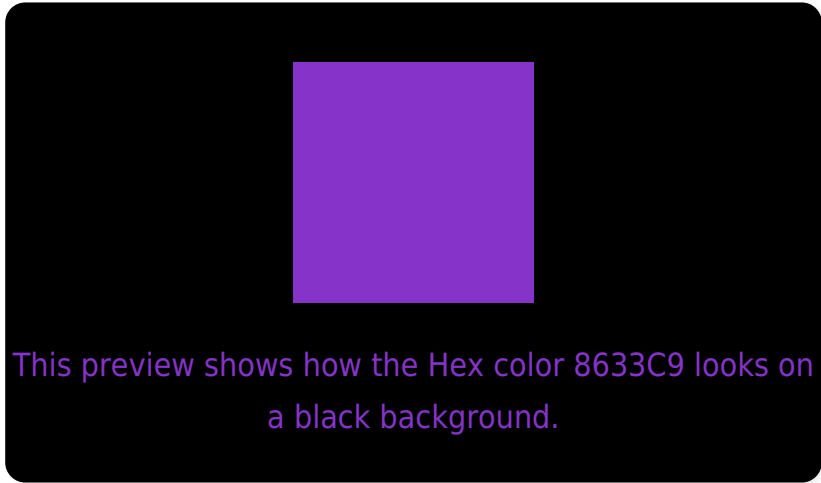
Large Text (above 18pt) WCAG AA ✓ Pass

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

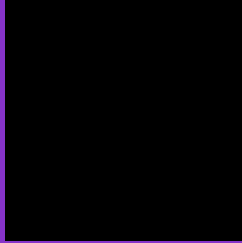
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8633C9 Background



This preview shows how black text looks on a background with the Hex color 8633C9.

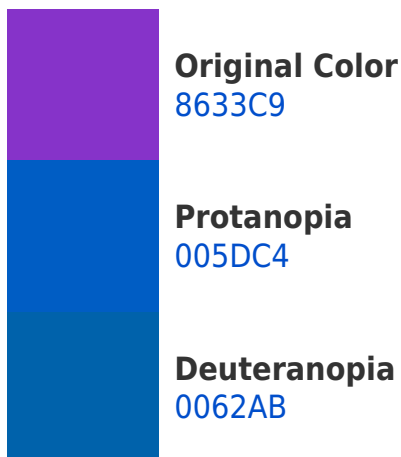


This preview shows how white text looks on a background with the Hex color 8633C9.

# 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](#).

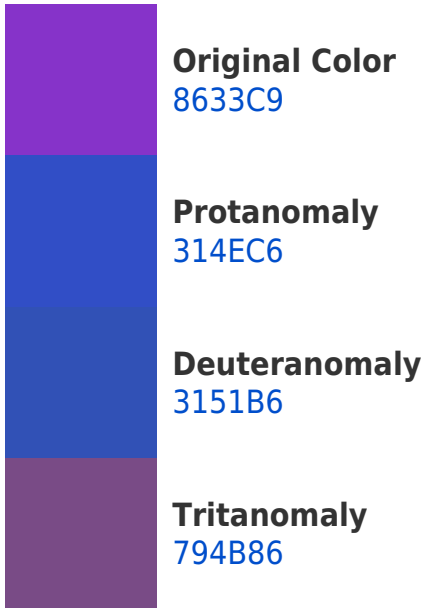
## Dichromacy



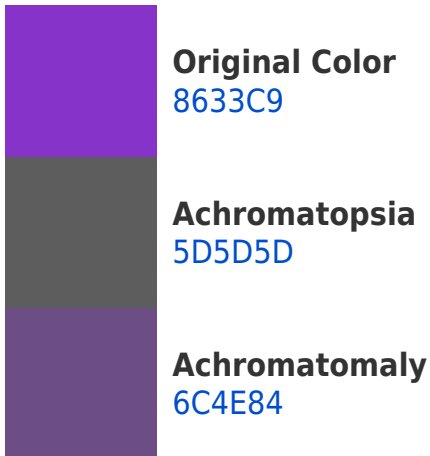


**Tritanopia**  
725960

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8633C9 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 #8633C9 looks like.

```
.text, #text, p{  
    color:#8633C9  
}
```

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 #8633C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8633C9
}
```

## Border

The CSS property to change the border of an element to Hex 8633C9 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".

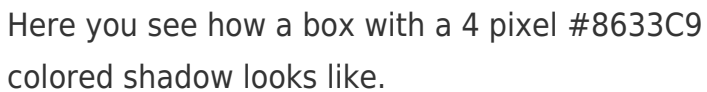
```
.border, #border, table{ border:4px solid
#8633C9 }
```

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

```
.border{ border-color:#8633C9 }
```

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

Here you see how a box with a 4 pixel #8633C9 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8633C9; -webkit-box-shadow:4px 4px  
4px 4px #8633C9; box-shadow:4px 4px 4px  
4px #8633C9 }
```

# Background

The CSS property to change the background color of an element to Hex 8633C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8633C9 }
```

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

```
.background{ background-color:#8633C9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor