

# Converting Colors

Hex(8441BE)

Have a look what the booklet for  
Hex(8441BE) contains.

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# Color

**Hex(8441BE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8441BE
RGB	132, 65, 190
RGB Percent	52%, 25%, 75%
CMY	0.4824, 0.7451, 0.2549
CMYK	0.31, 0.66, 0.00, 0.25
HSL	272°, 49%, 50%
HSV	272°, 66%, 75%
XYZ	20.7003, 12.4038, 50.0184
YIQ	99.2830, -0.1930, 53.0790

# Conversions

## Conversions Part 2

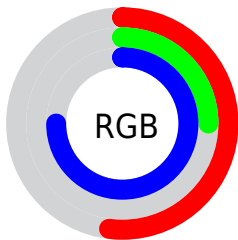
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 65, 190
Decimal	8667582
CIE <sub>Lab</sub>	41.85, 51.47, -54.58
CIE <sub>LCh</sub>	42, 75.018, 313.322
Yxy	12.4038, 0.2490, 0.1492
Android (android.graphics.Color)	4286857662 (0xFF8441BE)
YUV	99.2830, 44.7235, 28.6928
Hunter-Lab	35.2191, 43.2814, -59.5507

# Details

The Hex color **8441BE** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7BBE41**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **BD75F7**, and **4D0788** is the 20% darker color. If you saturate the color by 10%, you get **7B2EBE**, and if you desaturate by 10%, it is **8D54BE**.

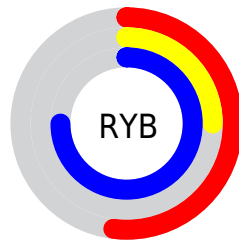
# Distribution



Red (52%)

Green (25%)

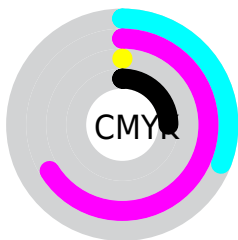
Blue (75%)



Red (52%)

Yellow (25%)

Blue (75%)

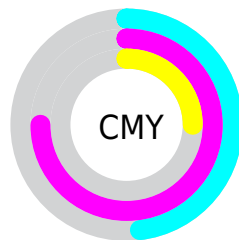


Cyan (31%)

Magenta (66%)

Yellow (0%)

Black (25%)



Cyan (48%)

Magenta (75%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8441BE 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 8441BE by changing the saturation by 10% instead.



 8441BE

 8441BE

FFFFFF

 6827A2

 BD75F7

 4D0788

 DA90FF

 30006E

 F7ABFF

 140055

 FFC7FF

 00003C

 FFE4FF

 000226

 00010E

 000000

 8441BE

 8441BE

7B2EBE

8D54BE

721BBE

9667BE

6A08BE

9E7ABE

6600BE

A78DBE

B0A0BE

B9B3BE

C2C6BE

CBD9BE

D3ECBE

# Harmonies

## Analogous

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



0062DD



8441BE



BC0088

# Triad

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



8441BE



955300



007C7E

# Complementary

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



8441BE



7BBE41

# 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.



007A3C



8441BE



606900

# Square

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



8441BE



BA2D09



007400



007BB7

# Rectangle

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



8441BE



CA005F



007400



007C68



# Sweetspot

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



8441BE



E0C6F7



417BBE



6F5F7D



FCFCFC



7D7D7D



# Same Dimension

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



8441BE



9D34F7



BE41BA



5A555E



55009E



10001F



# Inverse Universe

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



BE417B



F7348F



41BE45



5E5559



9E0049

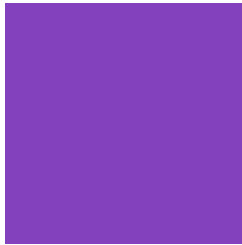


1F000E



# Previews

## White Background



This preview shows how the Hex color 8441BE looks on a white background.

## Color Contrast Check

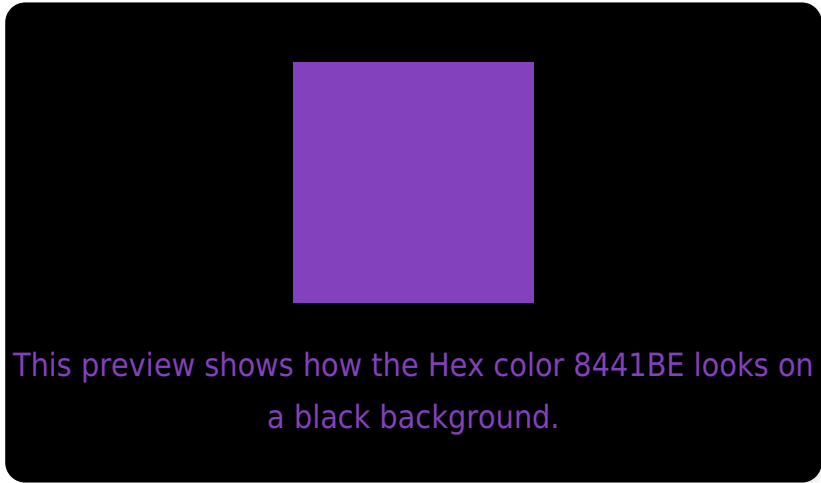
Large Text (above 18pt) WCAG AA ✓ Pass

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

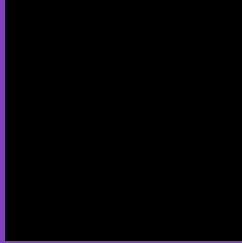
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8441BE Background



This preview shows how black text looks on a background with the Hex color 8441BE.



This preview shows how white text looks on a background with the Hex color 8441BE.

# 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](#).

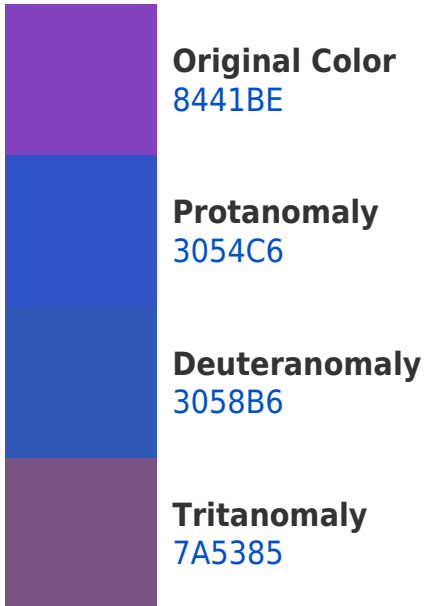
## Dichromacy



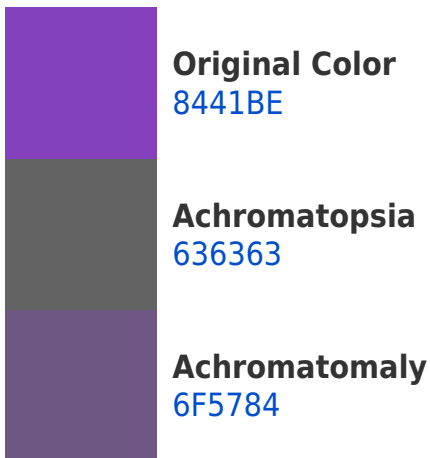


**Tritanopia**  
745D64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8441BE 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 #8441BE looks like.

```
.text, #text, p{  
    color:#8441BE  
}
```

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 #8441BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8441BE
}
```

## Border

The CSS property to change the border of an element to Hex 8441BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

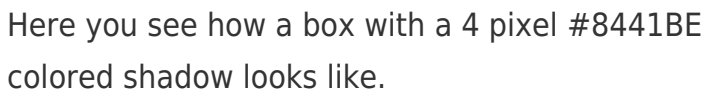
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8441BE }
```

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

```
.border{ border-color:#8441BE }
```

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



Here you see how a box with a 4 pixel #8441BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8441BE; -webkit-box-shadow:4px 4px  
4px 4px #8441BE; box-shadow:4px 4px 4px  
4px #8441BE }
```

# Background

The CSS property to change the background color of an element to Hex 8441BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8441BE }
```

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

```
.background{ background-color:#8441BE }
```

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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