

# Converting Colors

Hex(8443B1)

Have a look what the booklet for  
Hex(8443B1) contains.

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# Color

**Hex(8443B1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8443B1
RGB	132, 67, 177
RGB Percent	52%, 26%, 69%
CMY	0.4824, 0.7373, 0.3059
CMYK	0.25, 0.62, 0.00, 0.31
HSL	275°, 45%, 48%
HSV	275°, 62%, 69%
XYZ	19.4587, 12.0942, 42.9038
YIQ	98.9750, 3.4300, 47.9900

# Conversions

## Conversions Part 2

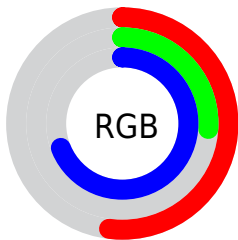
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 67, 177
Decimal	8668081
CIE <sub>Lab</sub>	41.37, 47.42, -47.72
CIE <sub>LCh</sub>	41, 67.276, 314.821
Yxy	12.0942, 0.2613, 0.1624
Android (android.graphics.Color)	4286858161 (0xFF8443B1)
YUV	98.9750, 38.4663, 28.9629
Hunter-Lab	34.7767, 39.0174, -48.8021

# Details

The Hex color **8443B1** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **70B143**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **BC77E9**, and **4E0D7C** is the 20% darker color. If you saturate the color by 10%, you get **7D31B1**, and if you desaturate by 10%, it is **8B55B1**.

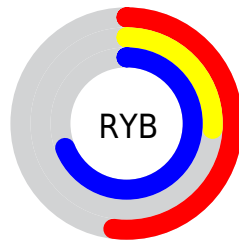
# Distribution



Red (52%)

Green (26%)

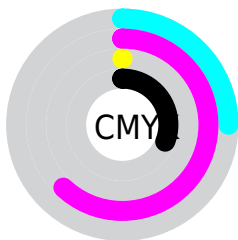
Blue (69%)



Red (52%)

Yellow (26%)

Blue (69%)

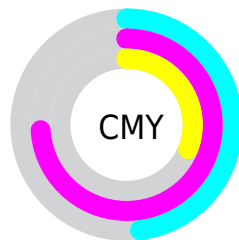


Cyan (25%)

Magenta (62%)

Yellow (0%)

Black (31%)



Cyan (48%)

Magenta (74%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8443B1 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 8443B1 by changing the saturation by 10% instead.



 8443B1

 8443B1

FFFFFF

 692996

 BC77E9

 4E0D7C

 D991FF

 330062

 F6ACFF

 1B004A

 FFC8FF

 000032

 FFE5FF

 00011C

 000000

 8443B1

 8443B1

 7D31B1

 8B55B1

7620B1

9266B1

6E0EB1

9A78B1

6900B1

A18AB1

A89CB1

AFADB1

B7BFB1

BED1B1

C5E2B1

# Harmonies

## Analogous

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



005FCE



8443B1



B41C80

# Triad

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



8443B1



8E5500



00797C

# Complementary

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



8443B1



70B143

# 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.



007742



8443B1



5E6800

# Square

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



8443B1



B13712



057200



0077AF

# Rectangle

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



8443B1



C0095B



057200



007969



# Sweetspot

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



8443B1



D4BAE6



4371B1



685873



F2F2F2



737373



# Same Dimension

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



8443B1



9F39E6



B143A8



565059



5A0099



0F001A



# Inverse Universe

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



B14370



E63980



43B14C



595054



99003F



1A000A



# Previews

## White Background



This preview shows how the Hex color 8443B1 looks on a white background.

## Color Contrast Check

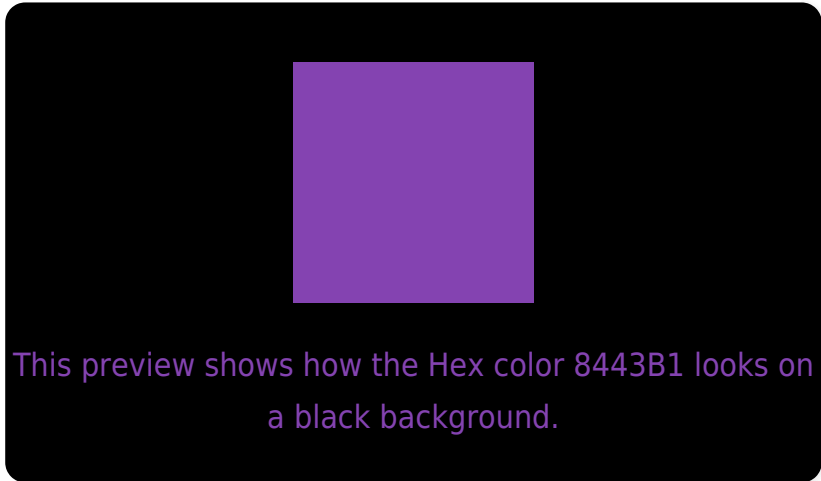
Large Text (above 18pt) WCAG AA ✓ Pass

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

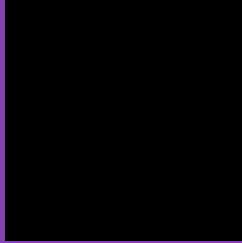
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8443B1 Background



This preview shows how black text looks on a background with the Hex color 8443B1.

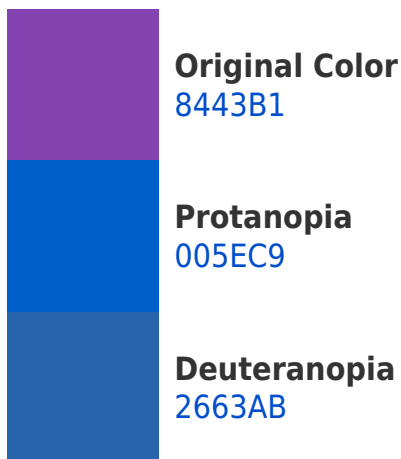



This preview shows how white text looks on a background with the Hex color 8443B1.

# 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](#).

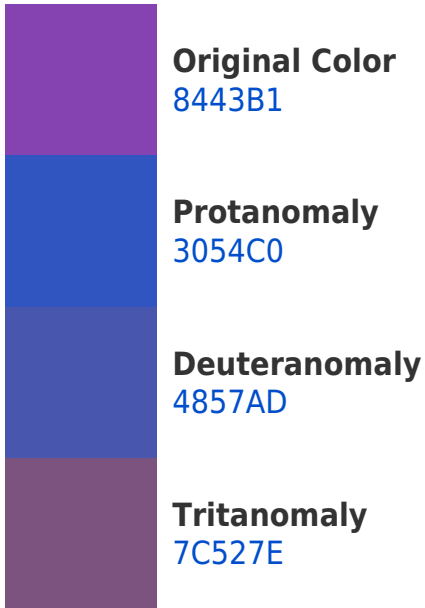
## Dichromacy



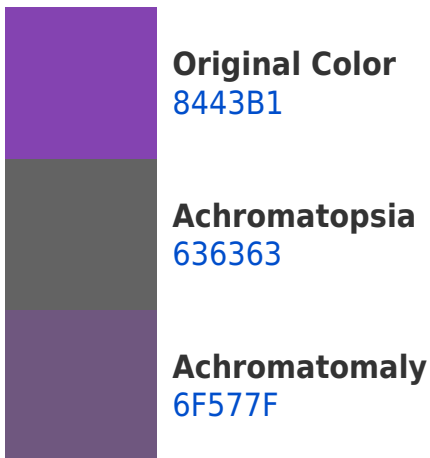


**Tritanopia**  
775A61

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8443B1 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 #8443B1 looks like.

```
.text, #text, p{  
    color:#8443B1  
}
```

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 #8443B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8443B1
}
```

## Border

The CSS property to change the border of an element to Hex 8443B1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

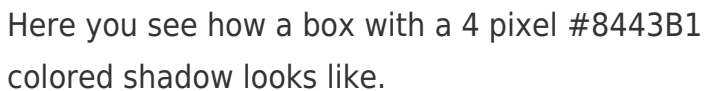
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8443B1 }
```

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

```
.border{ border-color:#8443B1 }
```

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



Here you see how a box with a 4 pixel #8443B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8443B1; -webkit-box-shadow:4px 4px  
4px 4px #8443B1; box-shadow:4px 4px 4px  
4px #8443B1 }
```

# Background

The CSS property to change the background color of an element to Hex 8443B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8443B1 }
```

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

```
.background{ background-color:#8443B1 }
```

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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