

# Converting Colors

Hex(8313A4)

Have a look what the booklet for  
Hex(8313A4) contains.

<b>Hex(8313A4)</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(8313A4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8313A4
RGB	131, 19, 164
RGB Percent	51%, 7%, 64%
CMY	0.4863, 0.9255, 0.3569
CMYK	0.20, 0.88, 0.00, 0.36
HSL	286°, 79%, 36%
HSV	286°, 88%, 64%
XYZ	16.2938, 7.9714, 35.8018
YIQ	69.0180, 20.2070, 68.8390

# Conversions

## Conversions Part 2

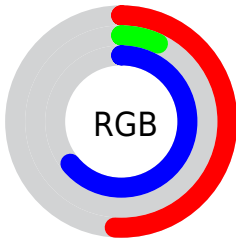
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 19, 164
Decimal	8590244
CIE <sub>Lab</sub>	33.92, 62.57, -51.97
CIE <sub>LCh</sub>	34, 81.337, 320.289
Yxy	7.9714, 0.2713, 0.1327
Android (android.graphics.Color)	4286780324 (0xFF8313A4)
YUV	69.0180, 46.8261, 54.3582
Hunter-Lab	28.2336, 53.6045, -55.4195

# Details

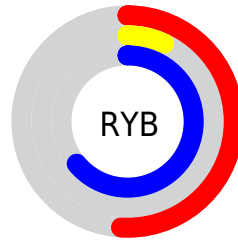
The Hex color **8313A4** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **34A413**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **BC52DC**, and **4C006F** is the 20% darker color. If you saturate the color by 10%, you get **7F03A4**, and if you desaturate by 10%, it is **8723A4**.

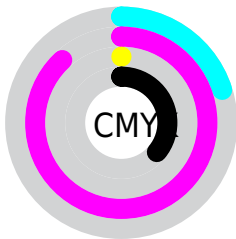
# Distribution



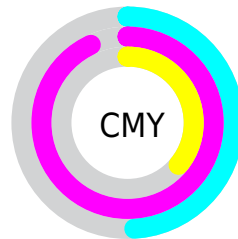
- Red (51%)
- Green (7%)
- Blue (64%)



- Red (51%)
- Yellow (7%)
- Blue (64%)



- Cyan (20%)
- Magenta (88%)
- Yellow (0%)
- Black (36%)



- Cyan (49%)
- Magenta (93%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8313A4 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 8313A4 by changing the saturation by 10% instead.





8313A4



8313A4

FFFFFF



670089



BC52DC



4C006F



D96EF9



310056



F789FF



13003E



FFA5FF



000327



FFC2FF



000110



FFDFFF



000000



FFFCFF



8313A4



8313A4

■ 7F03A4

■ 8723A4

■ 7F00A4

■ 8A34A4

■ 8E44A4

■ 9255A4

■ 9665A4

■ 9975A4

■ 9D86A4

■ A196A4

■ A5A7A4

# Harmonies

## Analogous

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



0049CC



8313A4



B20068

# Triad

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



8313A4



734600



00687B

# Complementary

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



8313A4



34A413

# 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.



006638



8313A4



375A00

# Square

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



8313A4



9F1800



006300



0067B4

# Rectangle

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



8313A4



B9003D



006300



006865



# Sweetspot

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



8313A4



C99CD6



1335A4



63496B



EBEBEB



6B6B6B



# Same Dimension

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



8313A4



A500D6



A4137D



504952



700091



0E0012



# Inverse Universe

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



A41334



D60031



13A43A



52494B



910021

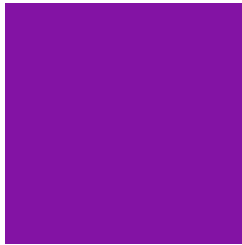


120004



# Previews

## White Background



This preview shows how the Hex color 8313A4 looks on a white background.

## Color Contrast Check

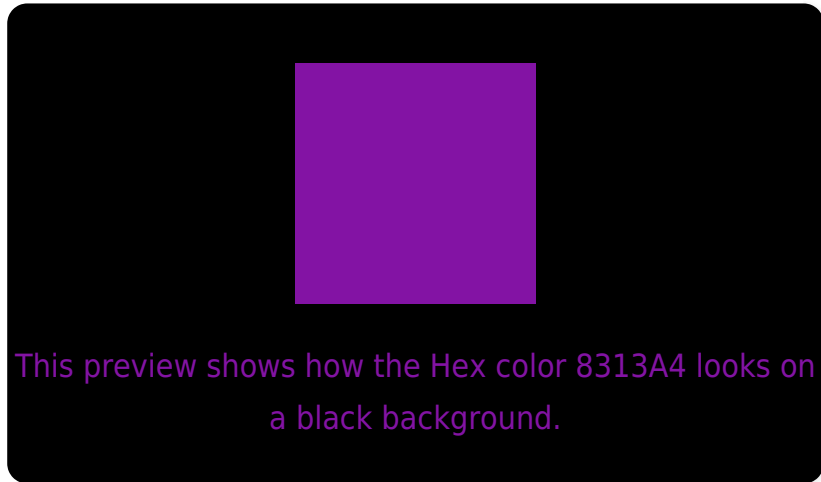
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

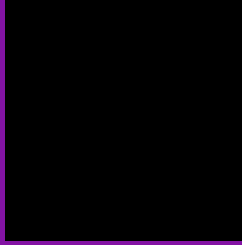
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8313A4 Background



This preview shows how black text looks on a background with the Hex color 8313A4.



This preview shows how white text looks on a background with the Hex color 8313A4.

# 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



**Original Color**  
8313A4

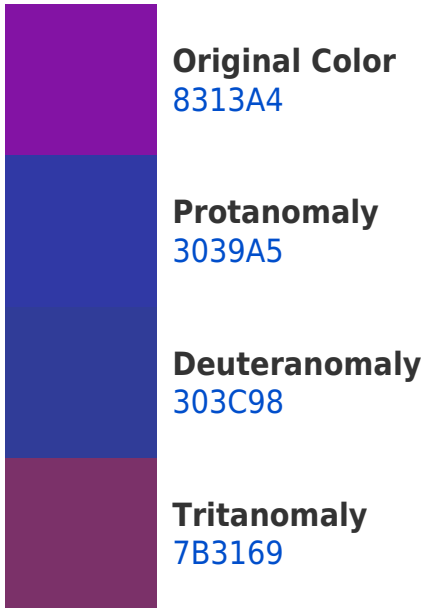
**Protanopia**  
004FA6

**Deuteranopia**  
005391

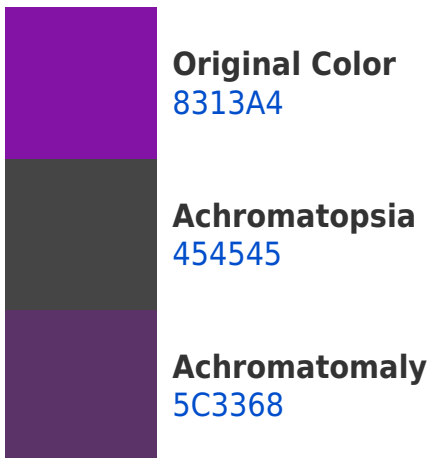


**Tritanopia**  
764247

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8313A4 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 #8313A4 looks like.

```
.text, #text, p{  
    color:#8313A4  
}
```

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 #8313A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8313A4
}
```

## Border

The CSS property to change the border of an element to Hex 8313A4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

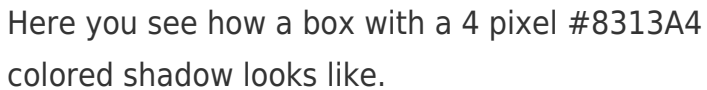
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8313A4 }
```

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

```
.border{ border-color:#8313A4 }
```

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



Here you see how a box with a 4 pixel #8313A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8313A4; -webkit-box-shadow:4px 4px  
4px 4px #8313A4; box-shadow:4px 4px 4px  
4px #8313A4 }
```

# Background

The CSS property to change the background color of an element to Hex 8313A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8313A4 }
```

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

```
.background{ background-color:#8313A4 }
```

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