

# Converting Colors

Hex(8411A4)

Have a look what the booklet for  
Hex(8411A4) contains.

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**Color**

**Hex(8411A4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8411A4
RGB	132, 17, 164
RGB Percent	52%, 7%, 64%
CMY	0.4824, 0.9333, 0.3569
CMYK	0.20, 0.90, 0.00, 0.36
HSL	287°, 81%, 35%
HSV	287°, 90%, 64%
XYZ	16.4170, 7.9868, 35.7983
YIQ	68.1430, 21.3530, 70.0970

# Conversions

## Conversions Part 2

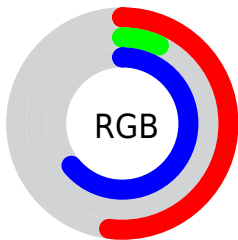
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 17, 164
Decimal	8655268
CIE <sub>Lab</sub>	33.96, 63.13, -51.91
CIE <sub>LCh</sub>	34, 81.731, 320.572
Yxy	7.9868, 0.2727, 0.1327
Android (android.graphics.Color)	4286845348 (0xFF8411A4)
YUV	68.1430, 47.2575, 56.0026
Hunter-Lab	28.2609, 54.2358, -55.3205

# Details

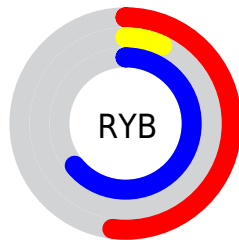
The Hex color **8411A4** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **31A411**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **BD51DC**, and **4D006F** is the 20% darker color. If you saturate the color by 10%, you get **8001A4**, and if you desaturate by 10%, it is **8821A4**.

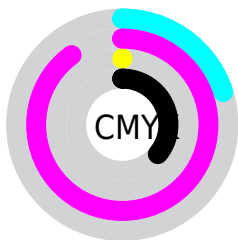
# Distribution



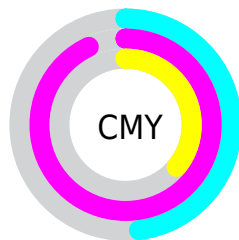
- Red (52%)
- Green (7%)
- Blue (64%)



- Red (52%)
- Yellow (7%)
- Blue (64%)



- Cyan (20%)
- Magenta (90%)
- Yellow (0%)
- Black (36%)



- Cyan (48%)
- Magenta (93%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8411A4 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 8411A4 by changing the saturation by 10% instead.





8411A4



8411A4

FFFFFF



680089



BD51DC



4D006F



DA6DF9



320056



F889FF



14003E



FFA5FF



000327



FFC1FF



000110



FFDEFF



000000



FFFCFF



8411A4



8411A4

8001A4

8821A4

8000A4

8B32A4

8F42A4

9253A4

9663A4

9973A4

9D84A4

A194A4

A4A5A4

# Harmonies

## Analogous

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



0049CD



8411A4



B30067

# Triad

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



8411A4



734600



00687C

# Complementary

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



8411A4



31A411

# 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



8411A4



365A00

# Square

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



8411A4



9F1800



006300



0067B5

# Rectangle

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



8411A4



BA003D



006300



006866



# Sweetspot

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



8411A4



CA9CD6



1133A4



64496B



EBEBEB



6B6B6B



# Same Dimension

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



8411A4



A800D6



A4117D



504952



720091



0E0012



# Inverse Universe

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



A41131



D6002F



11A438



52494B



910020



120004



# Previews

## White Background



This preview shows how the Hex color 8411A4 looks on a white background.

## Color Contrast Check

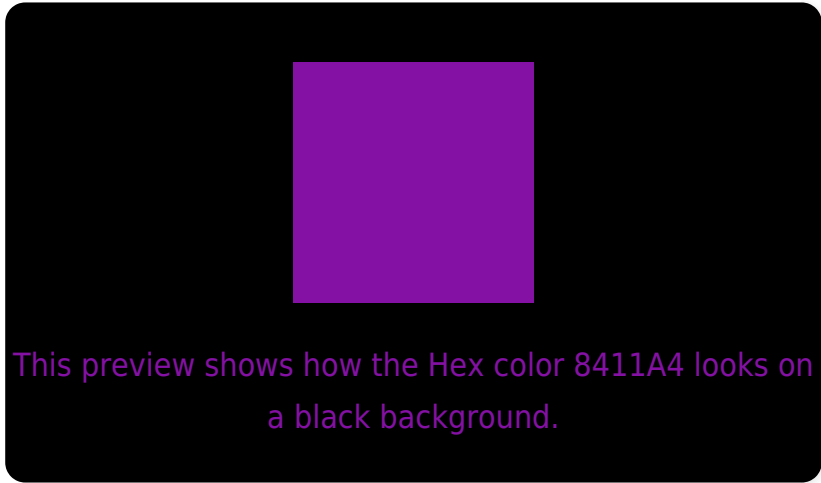
Large Text (above 18pt) WCAG AA ✓ Pass

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

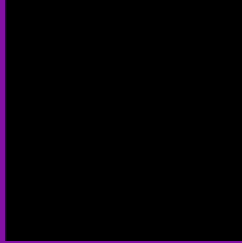
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8411A4 Background



This preview shows how black text looks on a background with the Hex color 8411A4.

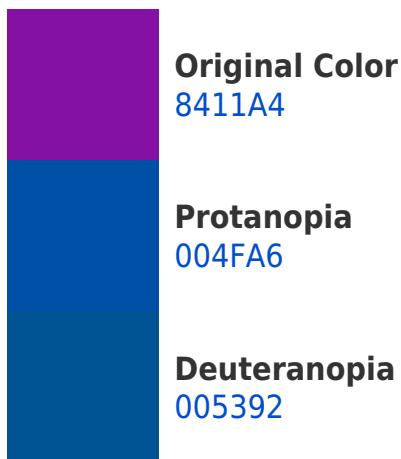



This preview shows how white text looks on a background with the Hex color 8411A4.

# 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](#).

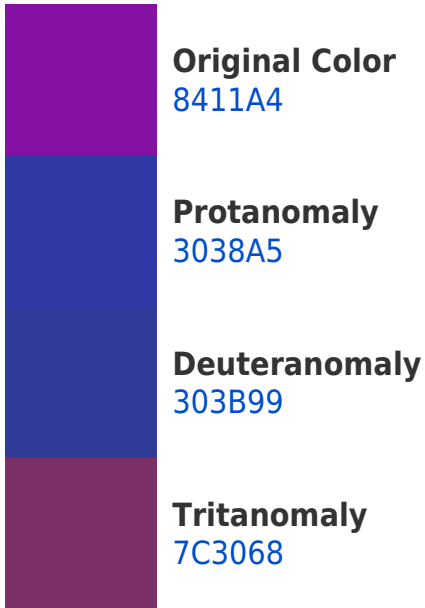
## Dichromacy



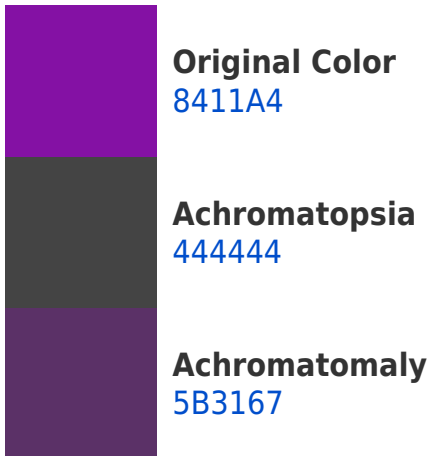


**Tritanopia**  
774246

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8411A4 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 #8411A4 looks like.

```
.text, #text, p{  
    color:#8411A4  
}
```

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 #8411A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8411A4
}
```

## Border

The CSS property to change the border of an element to Hex 8411A4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

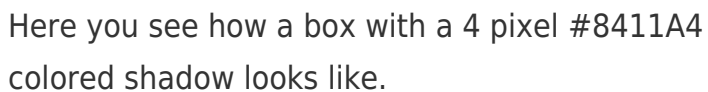
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8411A4 }
```

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

```
.border{ border-color:#8411A4 }
```

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



Here you see how a box with a 4 pixel #8411A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8411A4; -webkit-box-shadow:4px 4px  
4px 4px #8411A4; box-shadow:4px 4px 4px  
4px #8411A4 }
```

# Background

The CSS property to change the background color of an element to Hex 8411A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8411A4 }
```

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

```
.background{ background-color:#8411A4 }
```

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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