

# Converting Colors

Hex(8418B2)

Have a look what the booklet for  
Hex(8418B2) contains.

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**Color**

**Hex(8418B2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8418B2
RGB	132, 24, 178
RGB Percent	52%, 9%, 70%
CMY	0.4824, 0.9059, 0.3020
CMYK	0.26, 0.87, 0.00, 0.30
HSL	282°, 76%, 40%
HSV	282°, 87%, 70%
XYZ	17.8782, 8.7732, 42.8706
YIQ	73.8480, 14.9340, 70.7900

# Conversions

## Conversions Part 2

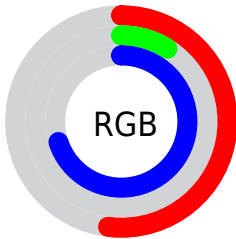
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 24, 178
Decimal	8657074
CIE <sub>Lab</sub>	35.54, 64.31, -57.72
CIE <sub>LCh</sub>	36, 86.414, 318.092
Yxy	8.7732, 0.2572, 0.1262
Android (android.graphics.Color)	4286847154 (0xFF8418B2)
YUV	73.8480, 51.3469, 50.9993
Hunter-Lab	29.6195, 55.9078, -65.0813

# Details

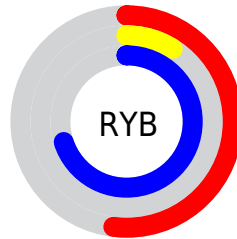
The Hex color **8418B2** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **46B218**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **BE56EB**, and **4C007C** is the 20% darker color. If you saturate the color by 10%, you get **7F06B2**, and if you desaturate by 10%, it is **892AB2**.

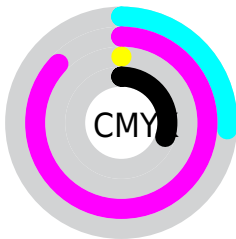
# Distribution



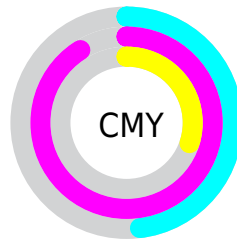
- Red (52%)
- Green (9%)
- Blue (70%)



- Red (52%)
- Yellow (9%)
- Blue (70%)



- Cyan (26%)
- Magenta (87%)
- Yellow (0%)
- Black (30%)



- Cyan (48%)
- Magenta (91%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8418B2 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 8418B2 by changing the saturation by 10% instead.



8418B2

8418B2

FFFFFF

680097

BE56EB

4C007C

DB71FF

2F0062

F98DFF

0F004A

FFA9FF

000332

FFC6FF

00011C

FFE3FF

000000

8418B2

8418B2

7F06B2

892AB2

 7D00B2

 8F3CB2

 944DB2

 995FB2

 9F71B2

 A483B2

 A995B2

 AFA6B2

 B4B8B2

# Harmonies

## Analogous

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



004FDB



8418B2



BA0072

# Triad

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



8418B2



7D4700



006D7D

# Complementary

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



8418B2



46B218

# 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.



006B34



8418B2



3E5D00

# Square

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



8418B2



AB0A00



006700



006DBC

# Rectangle

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



8418B2



C40045



006700



006D66



# Sweetspot

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



8418B2



D6ACE8



1846B2



6A5175



F5F5F5



757575



# Same Dimension

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



8418B2



A300E8



B21893



575059



6B0099



12001A



# Inverse Universe

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



B21846



E80045



18B237



595053



99002E

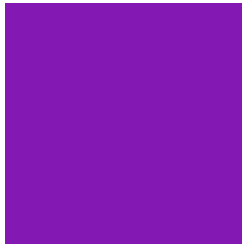


1A0008



# Previews

## White Background



This preview shows how the Hex color 8418B2 looks on a white background.

## Color Contrast Check

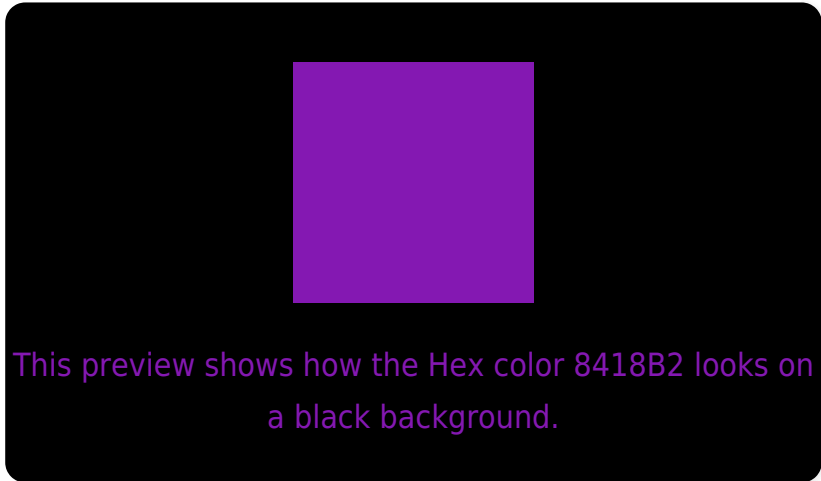
Large Text (above 18pt) WCAG AA ✓ Pass

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

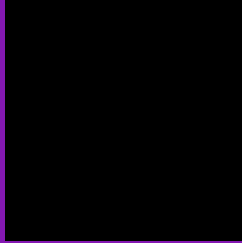
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8418B2 Background



This preview shows how black text looks on a background with the Hex color 8418B2.

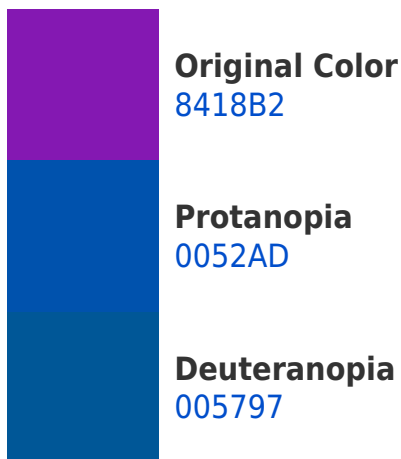


This preview shows how white text looks on a background with the Hex color 8418B2.

# 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](#).

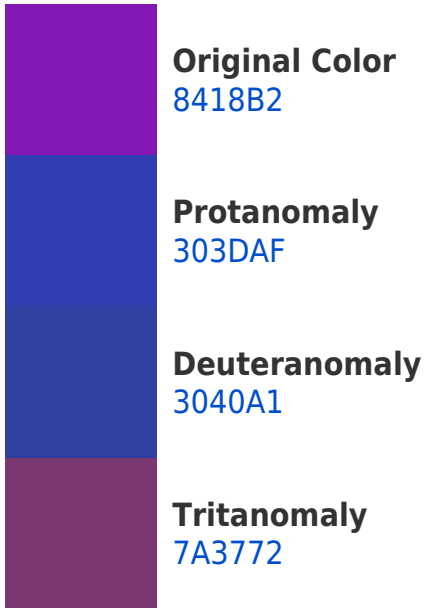
## Dichromacy



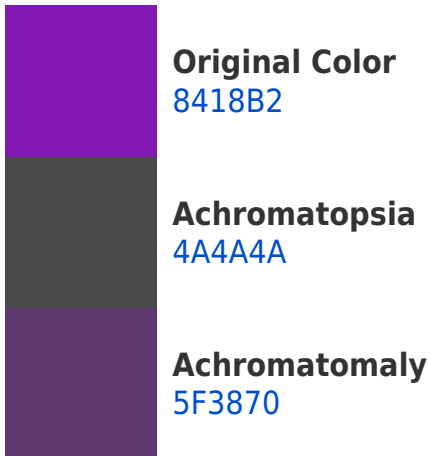


**Tritanopia**  
74484E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8418B2 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 #8418B2 looks like.

```
.text, #text, p{  
    color:#8418B2  
}
```

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 #8418B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8418B2
}
```

## Border

The CSS property to change the border of an element to Hex 8418B2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

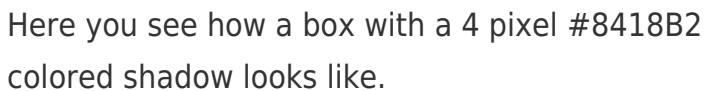
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8418B2 }
```

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

```
.border{ border-color:#8418B2 }
```

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



Here you see how a box with a 4 pixel #8418B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8418B2; -webkit-box-shadow:4px 4px  
4px 4px #8418B2; box-shadow:4px 4px 4px  
4px #8418B2 }
```

# Background

The CSS property to change the background color of an element to Hex 8418B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8418B2 }
```

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

```
.background{ background-color:#8418B2 }
```

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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