

# Converting Colors

Hex(8050B9)

Have a look what the booklet for  
Hex(8050B9) contains.

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# Color

**Hex(8050B9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8050B9
RGB	128, 80, 185
RGB Percent	50%, 31%, 73%
CMY	0.4980, 0.6863, 0.2745
CMYK	0.31, 0.57, 0.00, 0.27
HSL	267°, 43%, 52%
HSV	267°, 57%, 73%
XYZ	20.5277, 13.8293, 47.4863
YIQ	106.3220, -5.0970, 42.8310

# Conversions

## Conversions Part 2

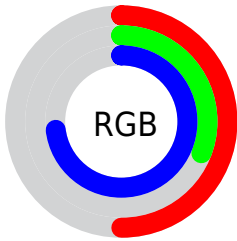
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 80, 185
Decimal	8409273
CIE <sub>Lab</sub>	43.99, 41.42, -48.24
CIE <sub>LCh</sub>	44, 63.587, 310.650
Yxy	13.8293, 0.2508, 0.1690
Android (android.graphics.Color)	4286599353 (0xFF8050B9)
YUV	106.3220, 38.7883, 19.0116
Hunter-Lab	37.1878, 33.4537, -49.6780

# Details

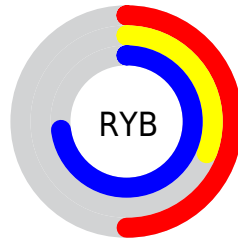
The Hex color **8050B9** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **89B950**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **B883F2**, and **4A1F83** is the 20% darker color. If you saturate the color by 10%, you get **763DB9**, and if you desaturate by 10%, it is **8A63B9**.

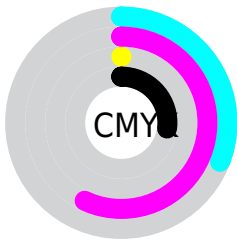
# Distribution



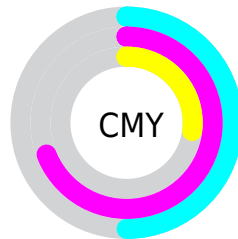
- Red (50%)
- Green (31%)
- Blue (73%)



- Red (50%)
- Yellow (31%)
- Blue (73%)



- Cyan (31%)
- Magenta (57%)
- Yellow (0%)
- Black (27%)



- Cyan (50%)
- Magenta (69%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8050B9 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 8050B9 by changing the saturation by 10% instead.



8050B9

8050B9

FFFFFF

65389E

B883F2

4A1F83

D49EFF

2F0569

F2B9FF

120051

FFD5FF

000039

FFF2FF

000222

000008

000000

8050B9

8050B9

763DB9

8A63B9

6C2BB9

9475B9

6218B9

9E88B9

5806B9

A89AB9

5500B9

B2ADB9

BCBFB9

C6D2B9

D0E4B9

DAF6B9

# Harmonies

## Analogous

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



0068D1



8050B9



B3328C

# Triad

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



8050B9



995900



007F7A

# Complementary

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



8050B9



89B950

# 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.



007D43



8050B9



6D6C00

# Square

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



8050B9



B93E25



2F7701



007EAC

# Rectangle

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



8050B9



C22669



2F7701



007F68



# Sweetspot

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



8050B9



DAC7F0



508AB9



6B6078



F7F7F7



787878



# Same Dimension

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



8050B9



974DF0



B450B9



57535C



47009C



0D001C



# Inverse Universe

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



B95089



F04DA5



55B950



5C5358



9C0054



1C000F



# Previews

## White Background



This preview shows how the Hex color 8050B9 looks on a white background.

## Color Contrast Check

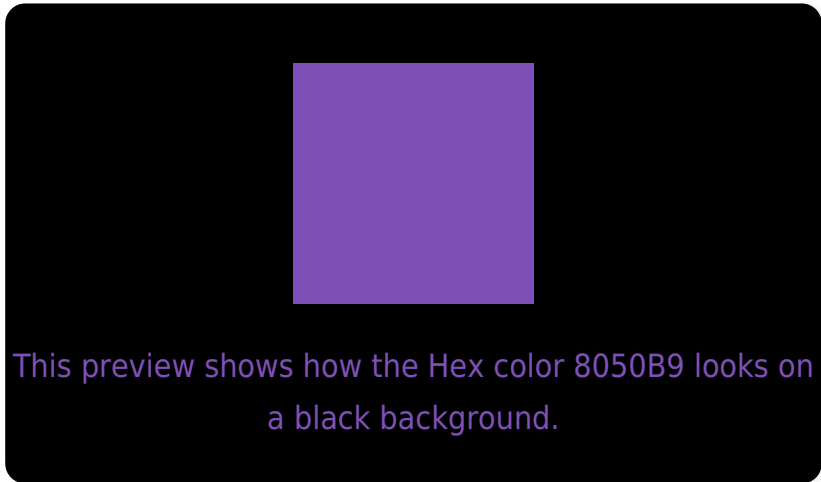
Large Text (above 18pt) WCAG AA ✓ Pass

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

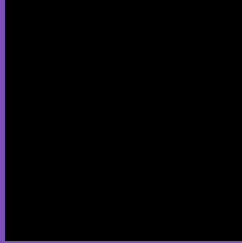
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8050B9 Background



This preview shows how black text looks on a background with the Hex color 8050B9.

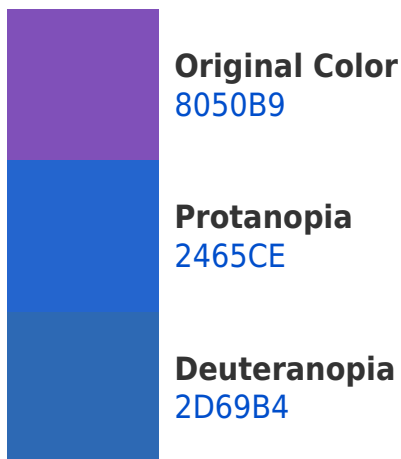



This preview shows how white text looks on a background with the Hex color 8050B9.

# 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](#).

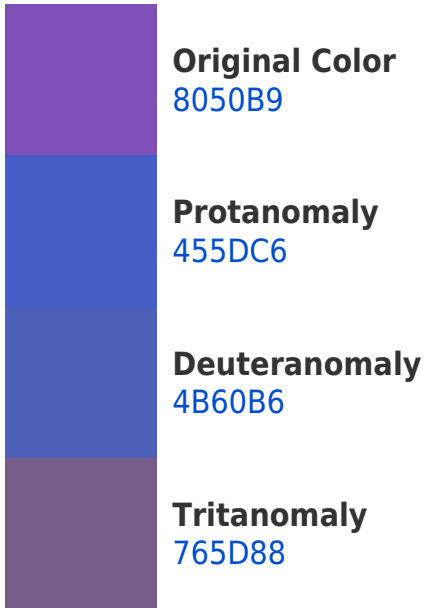
## Dichromacy



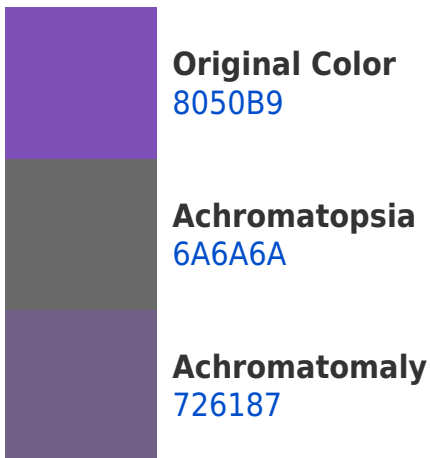


**Tritanopia**  
71646C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8050B9 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 #8050B9 looks like.

```
.text, #text, p{  
    color:#8050B9  
}
```

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 #8050B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8050B9
}
```

## Border

The CSS property to change the border of an element to Hex 8050B9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

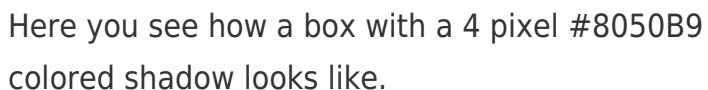
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8050B9 }
```

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

```
.border{ border-color:#8050B9 }
```

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



Here you see how a box with a 4 pixel #8050B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8050B9; -webkit-box-shadow:4px 4px  
4px 4px #8050B9; box-shadow:4px 4px 4px  
4px #8050B9 }
```

# Background

The CSS property to change the background color of an element to Hex 8050B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8050B9 }
```

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

```
.background{ background-color:#8050B9 }
```

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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