

# Converting Colors

Hex(8101B1)

Have a look what the booklet for  
Hex(8101B1) contains.

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**Color**

**Hex(8101B1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8101B1
RGB	129, 1, 177
RGB Percent	51%, 0%, 69%
CMY	0.4941, 0.9961, 0.3059
CMYK	0.27, 0.99, 0.00, 0.31
HSL	284°, 99%, 35%
HSV	284°, 99%, 69%
XYZ	16.9999, 7.8632, 42.2167
YIQ	59.3360, 19.7920, 81.8720

# Conversions

## Conversions Part 2

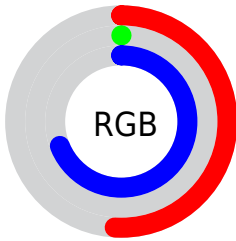
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 1, 177
Decimal	8454577
CIELab	33.70, 67.50, -60.16
CIELCh	34, 90.418, 318.295
Yxy	7.8632, 0.2534, 0.1172
Android (android.graphics.Color)	4286644657 (0xFF8101B1)
YUV	59.3360, 58.0084, 61.0953
Hunter-Lab	28.0413, 59.1425, -69.6332

# Details

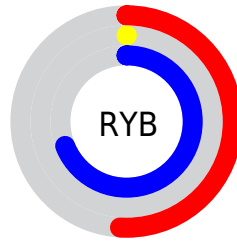
The Hex color **8101B1** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **31B101**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **BB4CEA**, and **48007B** is the 20% darker color. If you saturate the color by 10%, you get **8100B1**, and if you desaturate by 10%, it is **8613B1**.

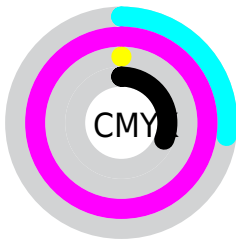
# Distribution



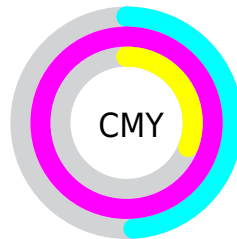
- Red (51%)
- Green (0%)
- Blue (69%)



- Red (51%)
- Yellow (0%)
- Blue (69%)



- Cyan (27%)
- Magenta (99%)
- Yellow (0%)
- Black (31%)



- Cyan (49%)
- Magenta (100%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8101B1 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 8101B1 by changing the saturation by 10% instead.



8101B1

8101B1

FFFFFF

650096

BB4CEA

48007B

D869FF

2B0061

F685FF

040049

FFA1FF

000431

FFBDFE

00011B

FFDAFF

000000

FFF8FF

8101B1

8101B1

■ 8100B1

■ 8613B1

■ 8B24B1

■ 8F36B1

■ 9448B1

■ 995AB1

■ 9E6BB1

■ A37DB1

■ A88FB1

■ ACA0B1

# Harmonies

## Analogous

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



004BDC



8101B1



B9006F

# Triad

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



8101B1



784200



00697B

# Complementary

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



8101B1



31B101

# 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.



00672F



8101B1



365900

# Square

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



8101B1



A70000



006300



0069BC

# Rectangle

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



8101B1



C30040



006300



006862



# Sweetspot

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



8101B1



D3A1E6



0133B1



674973



F2F2F2



737373



# Same Dimension

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



8101B1



A700E6



B1018B



575059



6F0099



13001A



# Inverse Universe

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



B10131



E6003F



01B127



595053



99002A



1A0007



# Previews

## White Background



This preview shows how the Hex color 8101B1 looks on a white background.

## Color Contrast Check

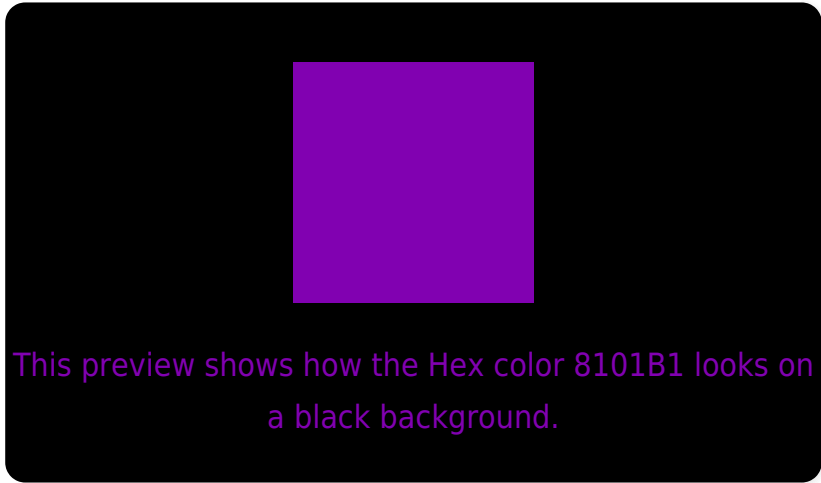
Large Text (above 18pt) WCAG AA ✓ Pass

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

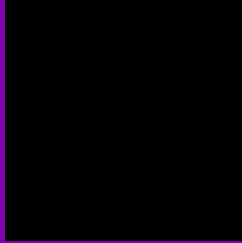
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8101B1 Background



This preview shows how black text looks on a background with the Hex color 8101B1.

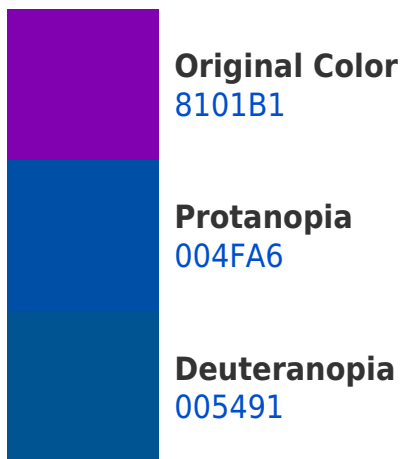


This preview shows how white text looks on a background with the Hex color 8101B1.

# 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](#).

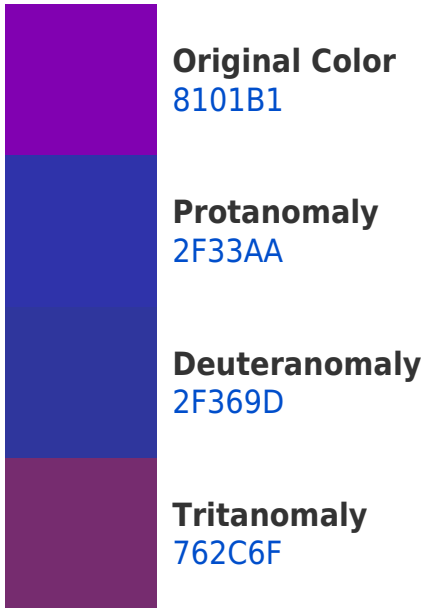
## Dichromacy





**Tritanopia**  
70454A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8101B1 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 #8101B1 looks like.

```
.text, #text, p{  
    color:#8101B1  
}
```

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 #8101B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8101B1
}
```

## Border

The CSS property to change the border of an element to Hex 8101B1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

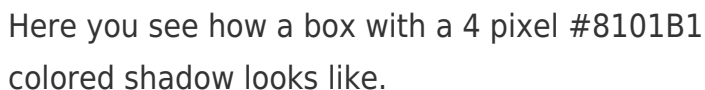
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8101B1 }
```

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

```
.border{ border-color:#8101B1 }
```

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



Here you see how a box with a 4 pixel #8101B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8101B1; -webkit-box-shadow:4px 4px  
4px 4px #8101B1; box-shadow:4px 4px 4px  
4px #8101B1 }
```

# Background

The CSS property to change the background color of an element to Hex 8101B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8101B1 }
```

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

```
.background{ background-color:#8101B1 }
```

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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