

# Converting Colors

Hex(8381BC)

Have a look what the booklet for  
Hex(8381BC) contains.

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# **Color**

**Hex(8381BC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8381BC
RGB	131, 129, 188
RGB Percent	51%, 51%, 74%
CMY	0.4863, 0.4941, 0.2627
CMYK	0.30, 0.31, 0.00, 0.26
HSL	242°, 31%, 62%
HSV	242°, 31%, 74%
XYZ	26.2874, 24.1566, 50.8542
YIQ	136.3240, -17.7470, 18.7730

# Conversions

## Conversions Part 2

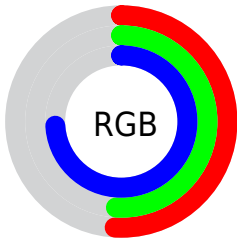
Format	Color
<a href="#">RYB</a>	<a href="#">131, 129, 188</a>
Decimal	<a href="#">8618428</a>
CIELab	<a href="#">56.24, 14.37, -30.61</a>
CIELCh	<a href="#">56, 33.819, 295.143</a>
Yxy	<a href="#">24.1566, 0.2595, 0.2385</a>
Android (android.graphics.Color)	<a href="#">4286808508 (0xFF8381BC)</a>
YUV	<a href="#">136.3240, 25.4763, -4.6691</a>
Hunter-Lab	<a href="#">49.1494, 9.4588, -26.9419</a>

# Details

The Hex color **8381BC** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BABC81**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B9B6F4**, and **4F5086** is the 20% darker color. If you saturate the color by 10%, you get **716EBC**, and if you desaturate by 10%, it is **9594BC**.

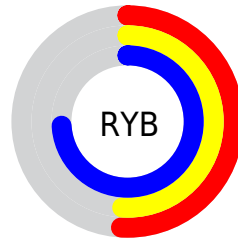
# Distribution



Red (51%)

Green (51%)

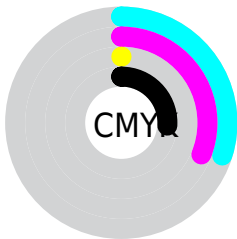
Blue (74%)



Red (51%)

Yellow (51%)

Blue (74%)

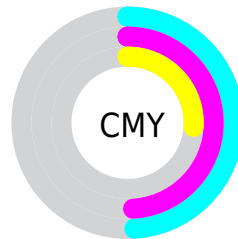


Cyan (30%)

Magenta (31%)

Yellow (0%)

Black (26%)



Cyan (49%)

Magenta (49%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8381BC 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 8381BC by changing the saturation by 10% instead.



■ 8381BC

■ 8381BC

FFFFFF

■ 6968A1

■ B9B6F4

■ 4F5086

■ D5D1FF

■ 36396D

■ F2EEFF

■ 1D2454

■ 000F3D

■ 000327

■ 000110

■ 000000

■ 8381BC

■ 8381BC

 716EBC

 9594BC

 5F5BBC

 A7A7BC

 4D49BC

 B9B9BC

 3A36BC

 CCCCBC

 2823BC

 DEDFBC

 1610BC

 F0F2BC

 0600BC

 FFFFBC

# Harmonies

## Analogous

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



528BC1



8381BC



A776A9

# Triad

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



8381BC



B47958



349681

# Complementary

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



8381BC



BABC81

# 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.



5E9364



8381BC



9E834C

# Square

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



8381BC



BF716F



818D50



00969F

# Rectangle

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



8381BC



B77197



818D50



439577



# Sweetspot

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



8381BC



E0DFF5



81BABC



6D6D7A



FAFAFA



7A7A7A



# Same Dimension

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



8381BC



9B98F5



A081BC



55555E



05009E



01001F



# Inverse Universe

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



BC81BA



F598F2



9DBC81



5E555E



9E0099

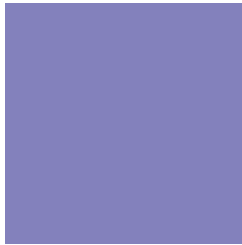


1F001E



# Previews

## White Background



This preview shows how the Hex color 8381BC looks on a white background.

## Color Contrast Check

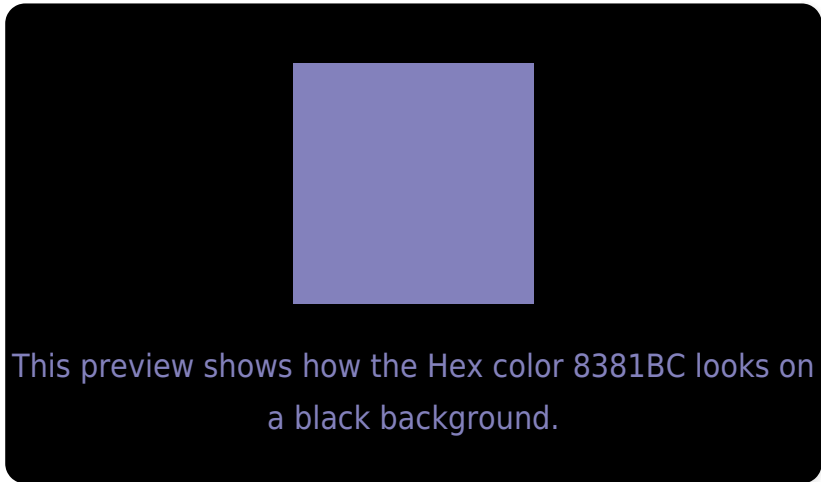
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 8381BC Background



This preview shows how black text looks on a background with the Hex color 8381BC.



This preview shows how white text looks on a background with the Hex color 8381BC.

# 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](#).

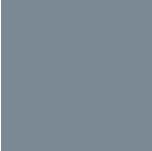
## Dichromacy



**Original Color**  
8381BC

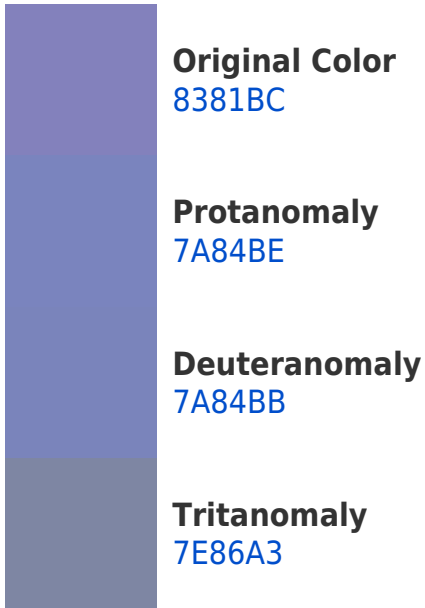
**Protanopia**  
7585BF

**Deuteranopia**  
7585BB



**Tritanopia**  
7B8994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8381BC 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 #8381BC looks like.

```
.text, #text, p{  
    color:#8381BC  
}
```

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 #8381BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8381BC
}
```

## Border

The CSS property to change the border of an element to Hex 8381BC is called "border". The border property can be set on classes, ids or directly on the HTML element.

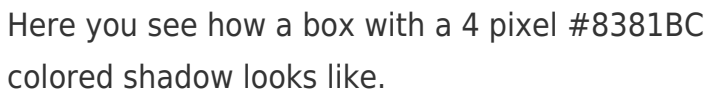
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8381BC }
```

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

```
.border{ border-color:#8381BC }
```

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



Here you see how a box with a 4 pixel #8381BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8381BC; -webkit-box-shadow:4px 4px  
4px 4px #8381BC; box-shadow:4px 4px 4px  
4px #8381BC }
```

# Background

The CSS property to change the background color of an element to Hex 8381BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8381BC }
```

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

```
.background{ background-color:#8381BC }
```

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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