

# Converting Colors

Hex(8376C7)

Have a look what the booklet for  
Hex(8376C7) contains.

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# Color

Hex(8376C7)

# Conversions

## Conversions Part 1

Format	Color
Hex	8376C7
RGB	131, 118, 199
RGB Percent	51%, 46%, 78%
CMY	0.4863, 0.5373, 0.2196
CMYK	0.34, 0.41, 0.00, 0.22
HSL	250°, 42%, 62%
HSV	250°, 41%, 78%
XYZ	26.1473, 21.9057, 56.8829
YIQ	131.1210, -18.2530, 27.9470

# Conversions

## Conversions Part 2

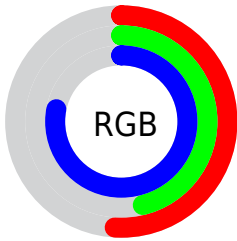
Format	Color
<a href="#">RYB</a>	<a href="#">131, 118, 199</a>
Decimal	<a href="#">8615623</a>
CIELab	<a href="#">53.93, 23.78, -40.51</a>
CIELCh	<a href="#">54, 46.977, 300.409</a>
Yxy	<a href="#">21.9057, 0.2492, 0.2088</a>
Android (android.graphics.Color)	<a href="#">4286805703 (0xFF8376C7)</a>
YUV	<a href="#">131.1210, 33.4643, -0.1061</a>
Hunter-Lab	<a href="#">46.8035, 17.8149, -39.2960</a>

# Details

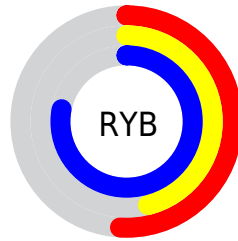
The Hex color **8376C7** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **BAC776**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **BAAAFF**, and **4E4691** is the 20% darker color. If you saturate the color by 10%, you get **7262C7**, and if you desaturate by 10%, it is **948AC7**.

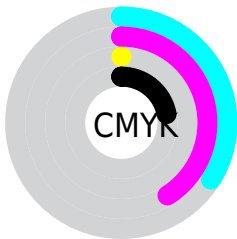
# Distribution



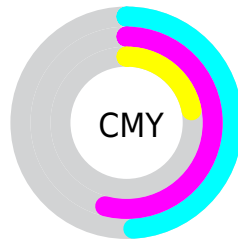
- Red (51%)
- Green (46%)
- Blue (78%)



- Red (51%)
- Yellow (46%)
- Blue (78%)



- Cyan (34%)
- Magenta (41%)
- Yellow (0%)
- Black (22%)



- Cyan (49%)
- Magenta (54%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8376C7 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 8376C7 by changing the saturation by 10% instead.



■ 8376C7

■ 8376C7

FFFFFF

■ 685DAB

■ BAAAFF

■ 4E4691

■ D7C6FF

■ 342F77

■ F4E2FF

■ 171A5D

FFFEFF

■ 000345

■ 00042E

■ 000119

■ 000000

■ 8376C7

■ 8376C7

 7262C7

 948AC7

 624EC7

 A49EC7

 513AC7

 B5B2C7

 4026C7

 C6C6C7

 2F13C7

 D7DAC7

 2000C7

 E7EDC7

 F8FFC7

 FFFFC7

# Harmonies

## Analogous

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



2885D2



8376C7



B366AA

# Triad

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



8376C7



B7703A



009580

# Complementary

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



8376C7



BAC776

# 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.



369257



8376C7



977F2B

# Square

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



8376C7



C9625A



6E8A37



0094A9

# Rectangle

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



8376C7



C55E90



6E8A37



009472



# Sweetspot

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



8376C7



E5E0FF



76BBC7



716E80



000000



808080



# Same Dimension

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



8376C7



9682FF



AB76C7



5B5A63



1A00A3



060024



# Inverse Universe

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



C776BA



FF82EB



92C776



635A62



A30089

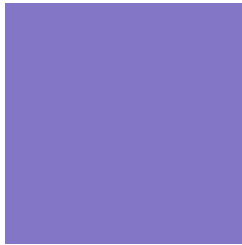


24001E



# Previews

## White Background



This preview shows how the Hex color 8376C7 looks on a white background.

## Color Contrast Check

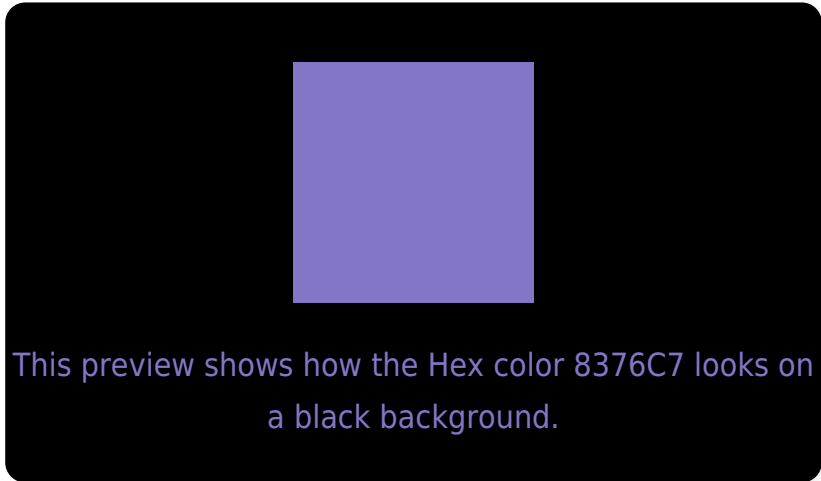
Large Text (above 18pt) WCAG AA ✓ Pass

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 8376C7 Background



This preview shows how black text looks on a background with the Hex color 8376C7.



This preview shows how white text looks on a background with the Hex color 8376C7.

# 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](#).

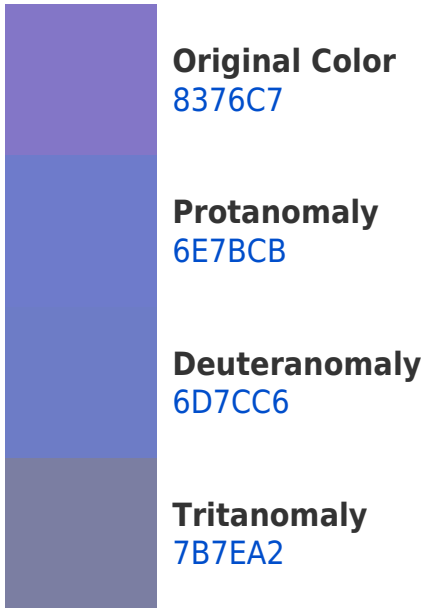
## Dichromacy



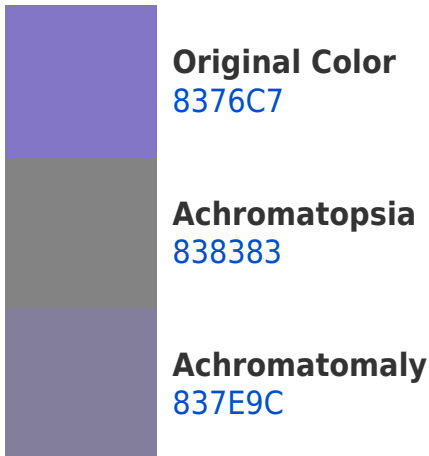


**Tritanopia**  
76838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8376C7 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 #8376C7 looks like.

```
.text, #text, p{  
    color:#8376C7  
}
```

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 #8376C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8376C7
}
```

## Border

The CSS property to change the border of an element to Hex 8376C7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

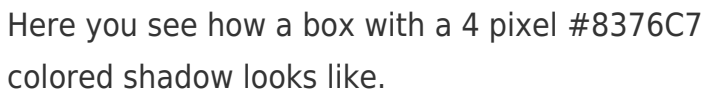
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8376C7 }
```

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

```
.border{ border-color:#8376C7 }
```

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



Here you see how a box with a 4 pixel `#8376C7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8376C7; -webkit-box-shadow:4px 4px  
4px 4px #8376C7; box-shadow:4px 4px 4px  
4px #8376C7 }
```

# Background

The CSS property to change the background color of an element to Hex 8376C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8376C7 }
```

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

```
.background{ background-color:#8376C7 }
```

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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