

# Converting Colors

Hex(8370C5)

Have a look what the booklet for  
Hex(8370C5) contains.

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# Color

Hex(8370C5)

# Conversions

## Conversions Part 1

Format	Color
Hex	8370C5
RGB	131, 112, 197
RGB Percent	51%, 44%, 77%
CMY	0.4863, 0.5608, 0.2275
CMYK	0.34, 0.43, 0.00, 0.23
HSL	253°, 42%, 61%
HSV	253°, 43%, 77%
XYZ	25.2323, 20.4449, 55.4397
YIQ	127.3710, -15.9610, 30.4630

# Conversions

## Conversions Part 2

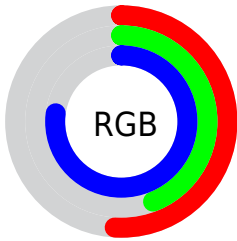
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 112, 197
Decimal	8614085
CIE <sub>Lab</sub>	52.34, 26.79, -41.88
CIE <sub>LCh</sub>	52, 49.720, 302.609
Yxy	20.4449, 0.2495, 0.2022
Android (android.graphics.Color)	4286804165 (0xFF8370C5)
YUV	127.3710, 34.3271, 3.1826
Hunter-Lab	45.2160, 20.4820, -41.0448

# Details

The Hex color **8370C5** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **B2C570**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **BAA4FE**, and **4E408F** is the 20% darker color. If you saturate the color by 10%, you get **745CC5**, and if you desaturate by 10%, it is **9284C5**.

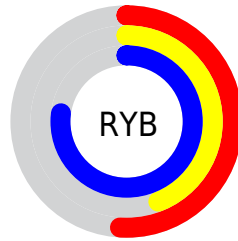
# Distribution



Red (51%)

Green (44%)

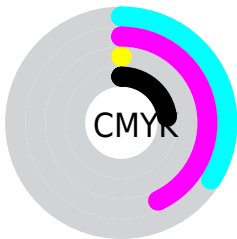
Blue (77%)



Red (51%)

Yellow (44%)

Blue (77%)

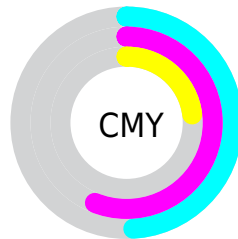


Cyan (34%)

Magenta (43%)

Yellow (0%)

Black (23%)



Cyan (49%)

Magenta (56%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8370C5 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 8370C5 by changing the saturation by 10% instead.



■ 8370C5

■ 8370C5

FFFFFF

■ 6857A9

■ BAA4FE

■ 4E408F

■ D7BFFF

■ 332975

■ F4DBFF

■ 17145C

■ FFF8FF

■ 000044

■ 00032C

■ 000117

■ 000000

■ 8370C5

■ 8370C5

745CC5

9284C5

6449C5

A297C5

5535C5

B1ABC5

4621C5

C0BFC5

370DC5

CFD3C5

2C00C5

DFE6C5

EEFAC5

FDFFC5

FFFFC5

# Harmonies

## Analogous

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



1B80D2



8370C5



B45EA5

# Triad

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



8370C5



B26C30



00917F

# Complementary

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



8370C5



B2C570

# 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.



208F54



8370C5



907C20

# Square

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



8370C5



C75C51



658830



0091AA

# Rectangle

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



8370C5



C55789



658830



009170



# Sweetspot

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



8370C5



E5DEFF



70B3C5



706B80



000000



808080



# Same Dimension

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



8370C5



987AFF



AD70C5



5C5A63



2400A3



080024



# Inverse Universe

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



C570B2



FF7AE1



88C570



635A61



A3007F



24001C



# Previews

## White Background



This preview shows how the Hex color 8370C5 looks on a white background.

## Color Contrast Check

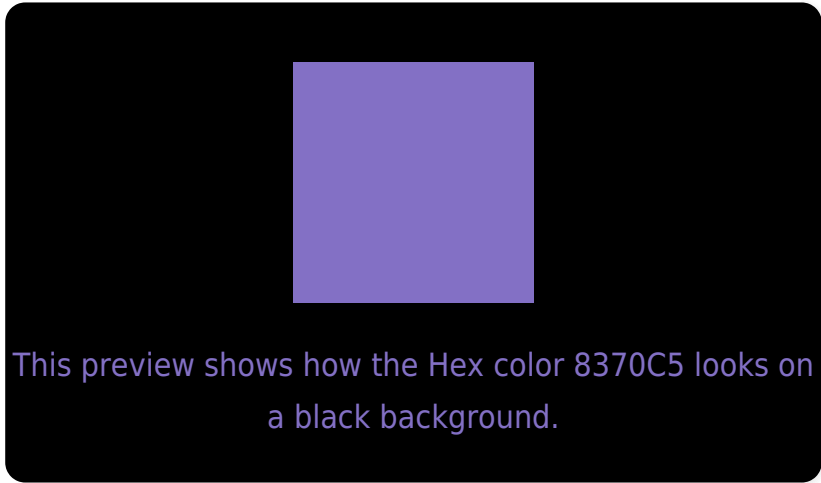
Large Text (above 18pt) WCAG AA ✓ Pass

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 8370C5 Background



This preview shows how black text looks on a background with the Hex color 8370C5.

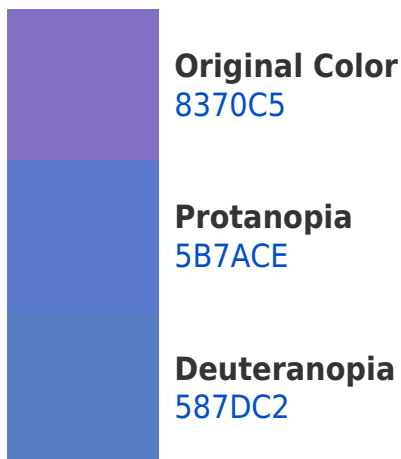


This preview shows how white text looks on a background with the Hex color 8370C5.

# 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](#).

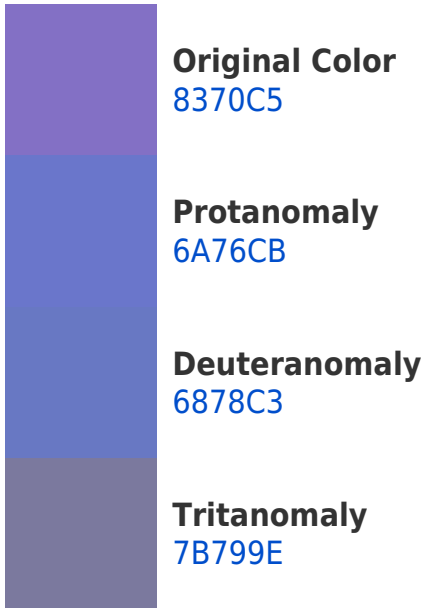
## Dichromacy



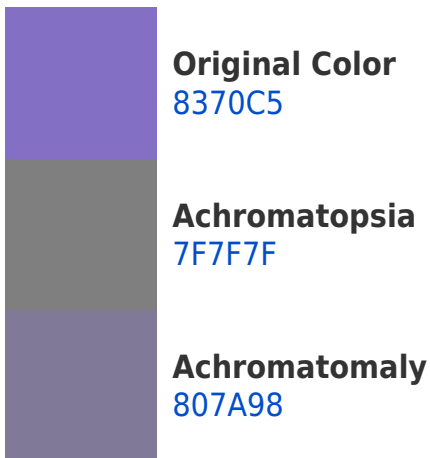


**Tritanopia**  
767E88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8370C5 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 #8370C5 looks like.

```
.text, #text, p{  
    color:#8370C5  
}
```

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 #8370C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8370C5
}
```

## Border

The CSS property to change the border of an element to Hex 8370C5 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
#8370C5 }
```

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

```
.border{ border-color:#8370C5 }
```

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

Here you see how a box with a 4 pixel #8370C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8370C5; -webkit-box-shadow:4px 4px  
4px 4px #8370C5; box-shadow:4px 4px 4px  
4px #8370C5 }
```

# Background

The CSS property to change the background color of an element to Hex 8370C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8370C5 }
```

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

```
.background{ background-color:#8370C5 }
```

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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