

# Converting Colors

Hex(8371A7)

Have a look what the booklet for  
Hex(8371A7) contains.

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# Color

Hex(8371A7)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 8371A7                     |
| RGB           | 131, 113, 167              |
| RGB Percent   | 51%, 44%, 65%              |
| CMY           | 0.4863, 0.5569, 0.3451     |
| CMYK          | 0.22, 0.32, 0.00, 0.35     |
| HSL           | 260°, 23%, 55%             |
| HSV           | 260°, 32%, 65%             |
| XYZ           | 22.2403, 19.4256, 39.1365  |
| YIQ           | 124.5380, -6.6060, 20.6100 |

# Conversions

## Conversions Part 2

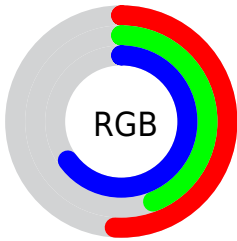
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 131, 113, 167                 |
| Decimal                             | 8614311                       |
| CIE <sub>Lab</sub>                  | 51.18, 18.53, -26.37          |
| CIE <sub>LCh</sub>                  | 51, 32.233, 305.099           |
| Yxy                                 | 19.4256, 0.2752,<br>0.2404    |
| Android<br>(android.graphics.Color) | 4286804391<br>(0xFF8371A7)    |
| YUV                                 | 124.5380, 20.9338,<br>5.6672  |
| Hunter-Lab                          | 44.0744, 12.9420,<br>-21.7953 |

# Details

The Hex color **8371A7** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **95A771**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B9A5DE**, and **504173** is the 20% darker color. If you saturate the color by 10%, you get **7860A7**, and if you desaturate by 10%, it is **8E82A7**.

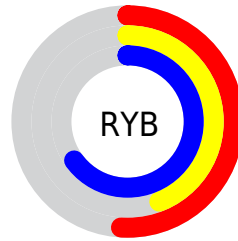
# Distribution



Red (51%)

Green (44%)

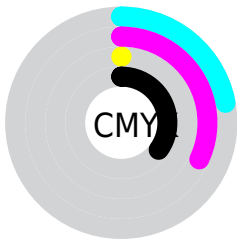
Blue (65%)



Red (51%)

Yellow (44%)

Blue (65%)

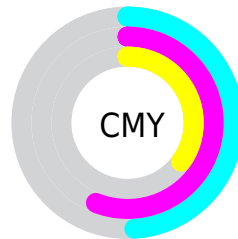


Cyan (22%)

Magenta (32%)

Yellow (0%)

Black (35%)



Cyan (49%)

Magenta (56%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8371A7 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 8371A7 by changing the saturation by 10% instead.



8371A7

8371A7

FFFFFF

69588C

B9A5DE

504173

D5C0FB

382B5A

F1DCFF

211642

FFF9FF

0F002C

000116

000000

8371A7

8371A7

7860A7

8E82A7

6D50A7

9992A7

623FA7

A4A3A7

562EA7

B0B4A7

4B1DA7

BBC4A7

400DA7

C6D5A7

3800A7

D1E6A7

DCF7A7

E7FFA7

# Harmonies

## Analogous

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



587BB0



8371A7



A06892

# Triad

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



8371A7



9E7048



17887E

# Complementary

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



8371A7



95A771

# 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.



478762



8371A7



877A42

# Square

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



8371A7



AD685C



6A824C



008799

# Rectangle

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



8371A7



AB6480



6A824C



2B8874



# Sweetspot

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



8371A7



CAC3D9



7195A7



65606E



EDEDED



6E6E6E



# Same Dimension

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



8371A7



A084D9



9E71A7



4F4C54



310094



070014



# Inverse Universe

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



A77195



D984BD



7AA771



544C51



940063

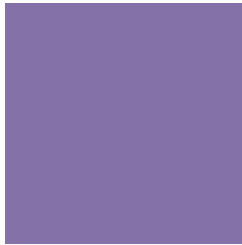


14000E



# Previews

## White Background



This preview shows how the Hex color 8371A7 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



This preview shows how the Hex color 8371A7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

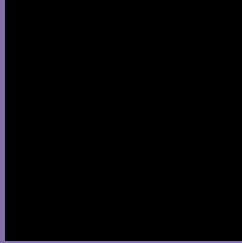
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8371A7 Background



This preview shows how black text looks on a background with the Hex color 8371A7.

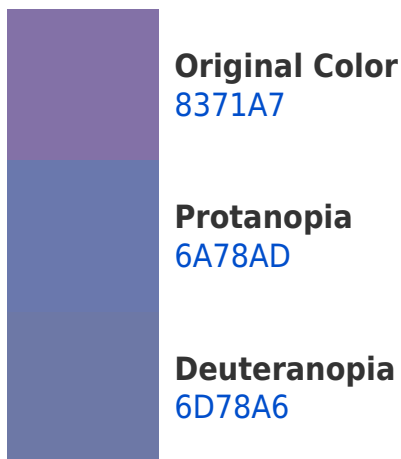


This preview shows how white text looks on a background with the Hex color 8371A7.

# 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**  
7C7882

# Trichromacy



**Original Color**  
8371A7

**Protanomaly**  
7375AB

**Deuteranomaly**  
7575A6

**Tritanomaly**  
7F758F

# Monochromacy



**Original Color**  
8371A7

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
7F798C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8371A7 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 #8371A7 looks like.

```
.text, #text, p{  
    color:#8371A7  
}
```

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 #8371A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8371A7
}
```

## Border

The CSS property to change the border of an element to Hex 8371A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

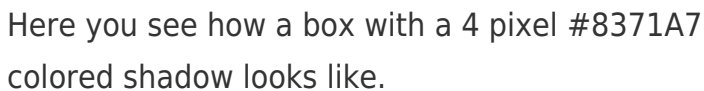
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8371A7 }
```

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

```
.border{ border-color:#8371A7 }
```

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



Here you see how a box with a 4 pixel #8371A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8371A7; -webkit-box-shadow:4px 4px  
4px 4px #8371A7; box-shadow:4px 4px 4px  
4px #8371A7 }
```

# Background

The CSS property to change the background color of an element to Hex 8371A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8371A7 }
```

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

```
.background{ background-color:#8371A7 }
```

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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