

# Converting Colors

Hex(8367BB)

Have a look what the booklet for  
Hex(8367BB) contains.

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# Color

**Hex(8367BB)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 8367BB                      |
| RGB         | 131, 103, 187               |
| RGB Percent | 51%, 40%, 73%               |
| CMY         | 0.4863, 0.5961, 0.2667      |
| CMYK        | 0.30, 0.45, 0.00, 0.27      |
| HSL         | 260°, 38%, 57%              |
| HSV         | 260°, 45%, 73%              |
| XYZ         | 23.1800, 18.1136, 49.2883   |
| YIQ         | 120.9480, -10.2760, 32.0600 |

# Conversions

## Conversions Part 2

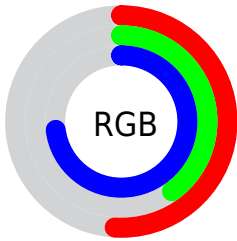
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 131, 103, 187                 |
| Decimal                             | 8611771                       |
| CIE <sub>Lab</sub>                  | 49.63, 29.48, -40.40          |
| CIE <sub>LCh</sub>                  | 50, 50.018, 306.120           |
| Yxy                                 | 18.1136, 0.2559,<br>0.2000    |
| Android<br>(android.graphics.Color) | 4286801851<br>(0xFF8367BB)    |
| YUV                                 | 120.9480, 32.5636,<br>8.8156  |
| Hunter-Lab                          | 42.5601, 22.7381,<br>-38.8708 |

# Details

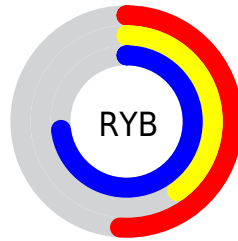
The Hex color **8367BB** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **9FBB67**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **BA9BF4**, and **4E3785** is the 20% darker color. If you saturate the color by 10%, you get **7754BB**, and if you desaturate by 10%, it is **8F7ABB**.

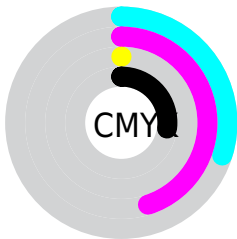
# Distribution



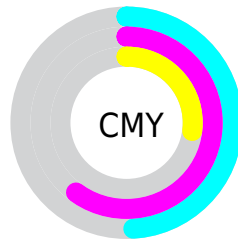
- Red (51%)
- Green (40%)
- Blue (73%)



- Red (51%)
- Yellow (40%)
- Blue (73%)



- Cyan (30%)
- Magenta (45%)
- Yellow (0%)
- Black (27%)



- Cyan (49%)
- Magenta (60%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8367BB 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 8367BB by changing the saturation by 10% instead.



■ 8367BB

■ 8367BB

FFFFFF

■ 684FA0

■ BA9BF4

■ 4E3785

■ D6B6FF

■ 34216C

■ F3D1FF

■ 190B53

■ FFEEFF

■ 04003B

■ 000225

■ 00010D

■ 000000

■ 8367BB

■ 8367BB

7754BB

8F7ABB

6A42BB

9C8CBB

5E2FBB

A89FBB

511CBB

B5B2BB

450ABB

C1C4BB

3E00BB

CED7BB

DAEABB

E7FDDB

F3FFBB

# Harmonies

## Analogous

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



2578CB



8367BB



B05599

# Triad

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



8367BB



A76726



008A7E

# Complementary

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



8367BB



9FBB67

# 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.



008852



8367BB



847717

# Square

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



8367BB



BE5646



58822C



0089A7

# Rectangle

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



8367BB



BF4E7D



58822C



008A6F



# Sweetspot

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



8367BB



DDD3F2



679FBB



6D677A



FAFAFA



7A7A7A



# Same Dimension

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



8367BB



9B6FF2



AD67BB



58555E



35009E



0A001F



# Inverse Universe

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



BB679F



F26FC7



75BB67



5E555B



9E0069

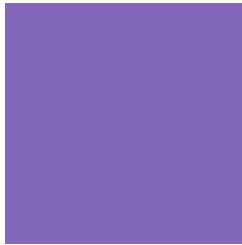


1F0014



# Previews

## White Background



This preview shows how the Hex color 8367BB looks on a white background.

## Color Contrast Check

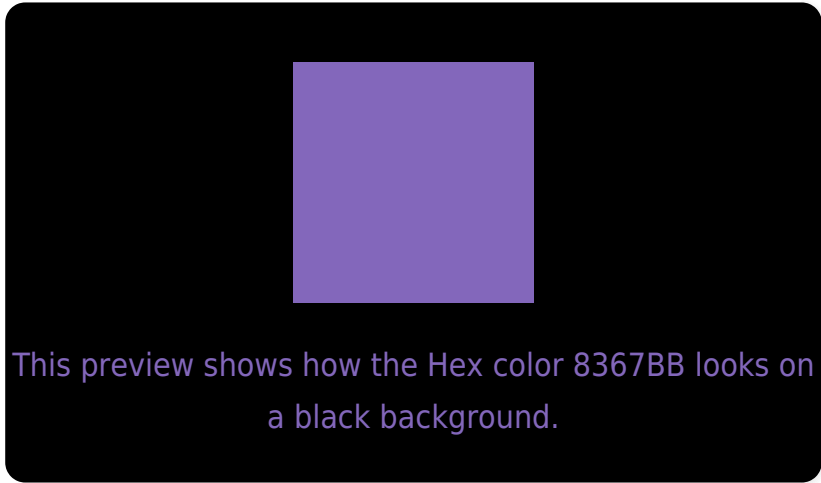
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × 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 8367BB Background



This preview shows how black text looks on a background with the Hex color 8367BB.

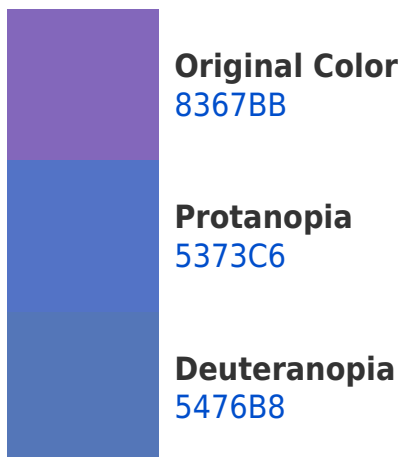


This preview shows how white text looks on a background with the Hex color 8367BB.

# 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**  
77757E

# Trichromacy



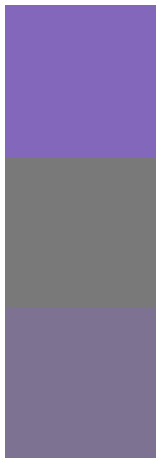
**Original Color**  
8367BB

**Protanomaly**  
646FC2

**Deuteranomaly**  
6571B9

**Tritanomaly**  
7B7094

# Monochromacy



**Original Color**  
8367BB

**Achromatopsia**  
797979

**Achromatomaly**  
7D7291

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8367BB 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 #8367BB looks like.

```
.text, #text, p{  
    color:#8367BB  
}
```

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 #8367BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8367BB  
}
```

## Border

The CSS property to change the border of an element to Hex 8367BB is called "border". The border property can be set on classes, ids or directly on the HTML element.

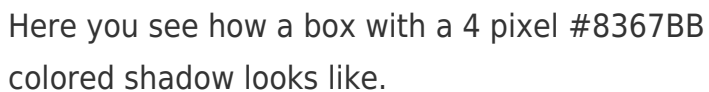
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#8367BB }
```

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

```
.border{ border-color:#8367BB }
```

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



Here you see how a box with a 4 pixel #8367BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8367BB; -webkit-box-shadow:4px 4px  
4px 4px #8367BB; box-shadow:4px 4px 4px  
4px #8367BB }
```

# Background

The CSS property to change the background color of an element to Hex 8367BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8367BB }
```

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

```
.background{ background-color:#8367BB }
```

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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