

# Converting Colors

Hex(8750A1)

Have a look what the booklet for  
Hex(8750A1) contains.

|                                                |    |
|------------------------------------------------|----|
| <b>Hex(8750A1)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

**Hex(8750A1)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 8750A1                    |
| RGB           | 135, 80, 161              |
| RGB Percent   | 53%, 31%, 63%             |
| CMY           | 0.4706, 0.6863, 0.3686    |
| CMYK          | 0.16, 0.50, 0.00, 0.37    |
| HSL           | 281°, 34%, 47%            |
| HSV           | 281°, 50%, 63%            |
| XYZ           | 19.2934, 13.4614, 35.2997 |
| YIQ           | 105.6790, 6.7790, 36.8510 |

# Conversions

## Conversions Part 2

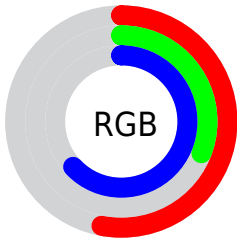
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 135, 80, 161                  |
| Decimal                             | 8868001                       |
| CIE <sub>Lab</sub>                  | 43.45, 37.60, -34.89          |
| CIE <sub>LCh</sub>                  | 43, 51.295, 317.138           |
| Yxy                                 | 13.4614, 0.2835,<br>0.1978    |
| Android<br>(android.graphics.Color) | 4287058081<br>(0xFF8750A1)    |
| YUV                                 | 105.6790, 27.2733,<br>25.7145 |
| Hunter-Lab                          | 36.6898, 29.6571,<br>-31.3607 |

# Details

The Hex color **8750A1** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **6AA150**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **BE83D8**, and **531F6D** is the 20% darker color. If you saturate the color by 10%, you get **8240A1**, and if you desaturate by 10%, it is **8C60A1**.

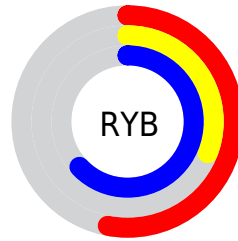
# Distribution



Red (53%)

Green (31%)

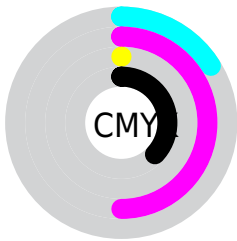
Blue (63%)



Red (53%)

Yellow (31%)

Blue (63%)

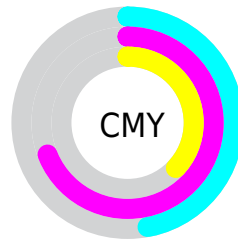


Cyan (16%)

Magenta (50%)

Yellow (0%)

Black (37%)



Cyan (47%)

Magenta (69%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8750A1 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 8750A1 by changing the saturation by 10% instead.



8750A1

8750A1

FFFFFF

6D3887

BE83D8

531F6D

DA9EF5

3A0554

F7B9FF

23003D

FFD5FF

000026

FFF2FF

00010F

000000

8750A1

8750A1

8240A1

8C60A1

7D30A1

9170A1

7720A1

9780A1

7210A1

9C90A1

6D00A1

A1A1A1

A6B1A1

ABC1A1

B0D1A1

B6E1A1

# Harmonies

## Analogous

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



3F63B8



8750A1



AA3F7B

# Triad

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



8750A1



8A5E05



007A7E

# Complementary

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



8750A1



6AA150

# 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.



007952



8750A1



646C02

# Square

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



8750A1



A64C29



307528



0078A4

# Rectangle

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



8750A1



B23B5E



307528



007A70



# Sweetspot

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



8750A1



C7B2D1



506BA1



635669



E8E8E8



696969



# Same Dimension

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



8750A1



A954D1



A15093



4F4952



630091



0C0012



# Inverse Universe

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



A1506A



D1547C



50A15E



52494C



91002F

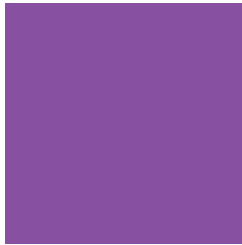


120006



# Previews

## White Background



This preview shows how the Hex color 8750A1 looks on a white background.

## Color Contrast Check

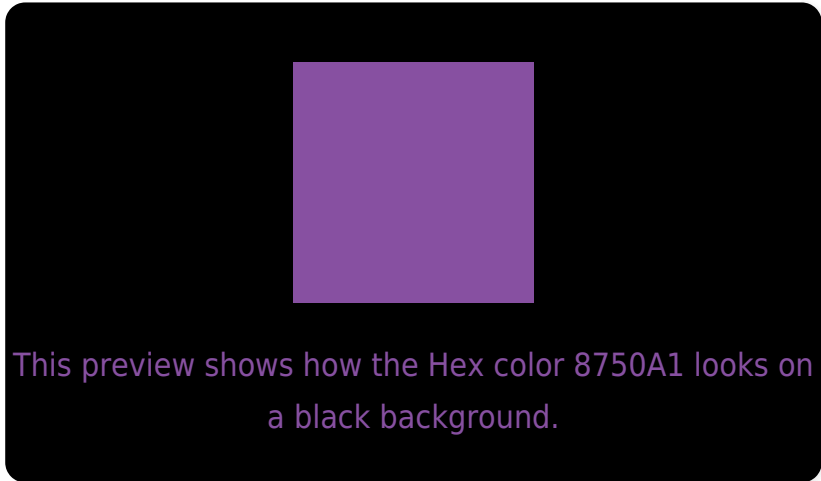
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

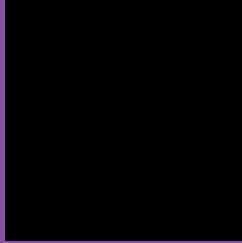
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8750A1 Background



This preview shows how black text looks on a background with the Hex color 8750A1.

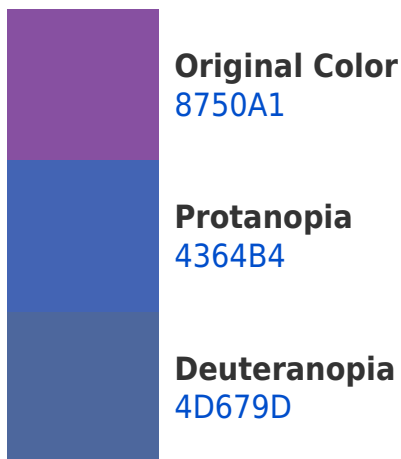



This preview shows how white text looks on a background with the Hex color 8750A1.

# 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](#).

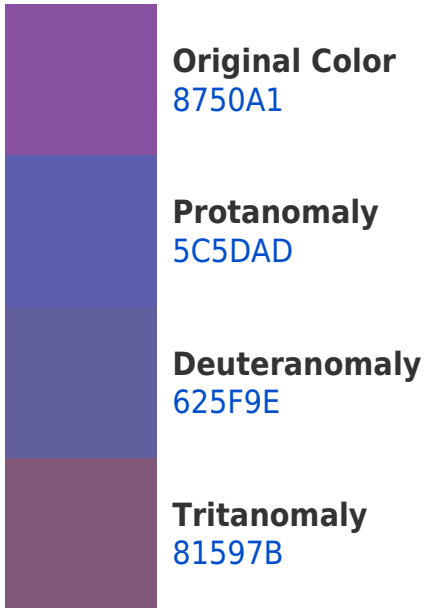
## Dichromacy



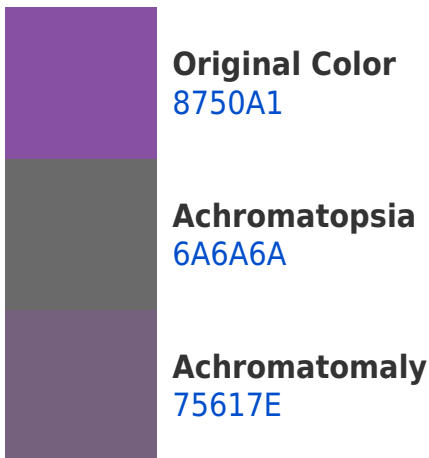


**Tritanopia**  
7E5E66

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8750A1 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 #8750A1 looks like.

```
.text, #text, p{  
    color:#8750A1  
}
```

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 #8750A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8750A1
}
```

## Border

The CSS property to change the border of an element to Hex 8750A1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

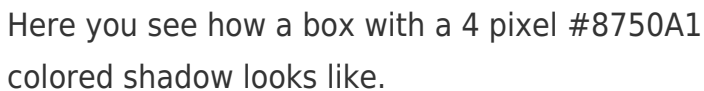
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8750A1 }
```

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

```
.border{ border-color:#8750A1 }
```

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



Here you see how a box with a 4 pixel #8750A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8750A1; -webkit-box-shadow:4px 4px  
4px 4px #8750A1; box-shadow:4px 4px 4px  
4px #8750A1 }
```

# Background

The CSS property to change the background color of an element to Hex 8750A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8750A1 }
```

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

```
.background{ background-color:#8750A1 }
```

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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