

# Converting Colors

Hex(8D68AE)

Have a look what the booklet for  
Hex(8D68AE) contains.

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# Color

**Hex(8D68AE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8D68AE
RGB	141, 104, 174
RGB Percent	55%, 41%, 68%
CMY	0.4471, 0.5922, 0.3176
CMYK	0.19, 0.40, 0.00, 0.32
HSL	272°, 30%, 55%
HSV	272°, 40%, 68%
XYZ	23.5748, 18.6193, 42.3958
YIQ	123.0430, -0.4180, 29.6140

# Conversions

## Conversions Part 2

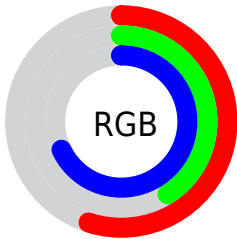
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	141, 104, 174
Decimal	9267374
CIE Lab	50.24, 28.64, -31.84
CIE LCh	50, 42.825, 311.972
Yxy	18.6193, 0.2787, 0.2201
Android (android.graphics.Color)	4287457454 (0xFF8D68AE)
YUV	123.0430, 25.1218, 15.7483
Hunter-Lab	43.1501, 22.0096, -28.0484

# Details

The Hex color **8D68AE** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **89AE68**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **C49CE6**, and **593879** is the 20% darker color. If you saturate the color by 10%, you get **8557AE**, and if you desaturate by 10%, it is **9579AE**.

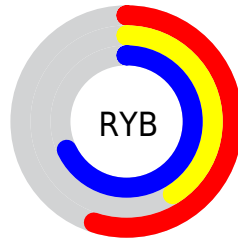
# Distribution



Red (55%)

Green (41%)

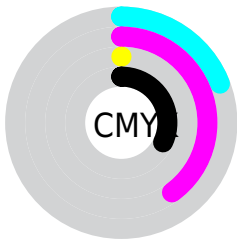
Blue (68%)



Red (55%)

Yellow (41%)

Blue (68%)

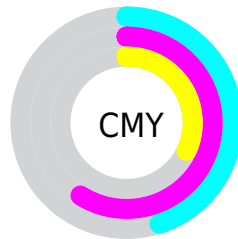


Cyan (19%)

Magenta (40%)

Yellow (0%)

Black (32%)



Cyan (45%)

Magenta (59%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D68AE 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 8D68AE by changing the saturation by 10% instead.



8D68AE

8D68AE

FFFFFF

734F93

C49CE6

593879

E0B7FF

402160

FDD3FF

280B48

FFEFFF

170031

00011B

000000

8D68AE

8D68AE

8557AE

9579AE

7D45AE

9D8BAE

7434AE

A69CAE

6C22AE

AEAEAE

6411AE

B6BFAE

5C00AE

BED0AE

C6E2AE

CFF3AE

D7FFAE

# Harmonies

## Analogous

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



5276BF



8D68AE



AF5B8F

# Triad

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



8D68AE



9E6E31



008A85

# Complementary

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



8D68AE



89AE68

# 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.



118860



8D68AE



7E7A2C

# Square

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



8D68AE



B46048



56833F



0088A7

# Rectangle

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



8D68AE



BA5877



56833F



008A79



# Sweetspot

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



8D68AE



D6C8E3



688AAE



6B6373



F2F2F2



737373



# Same Dimension

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



8D68AE



B076E3



AE68AD



534E57



500096



0C0017



# Inverse Universe

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



AE6889



E376A9



68AE69



574E52



960047

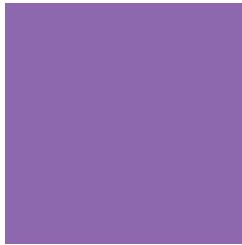


17000B



# Previews

## White Background



This preview shows how the Hex color 8D68AE looks on a white background.

## Color Contrast Check

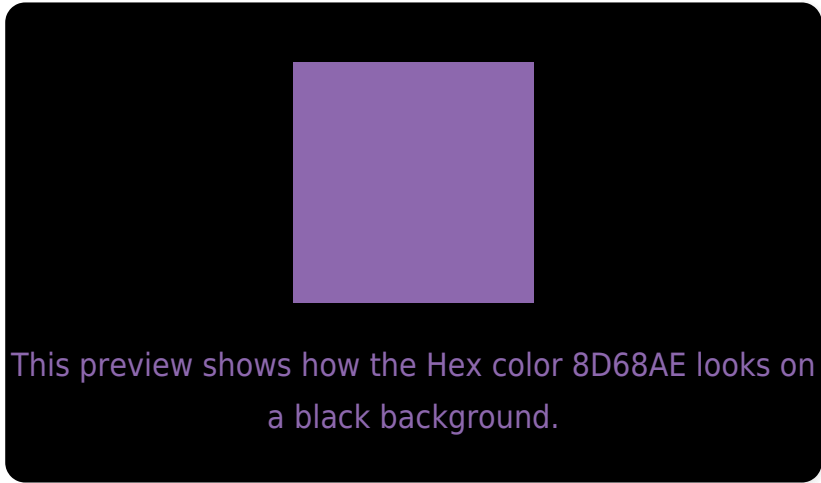
Large Text (above 18pt) WCAG AA ✓ Pass

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

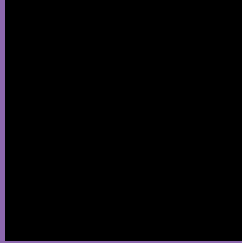
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8D68AE Background



This preview shows how black text looks on a background with the Hex color 8D68AE.

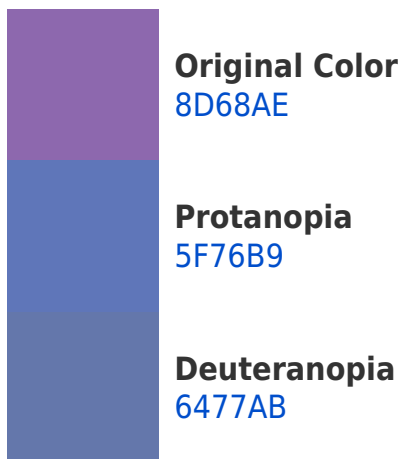



This preview shows how white text looks on a background with the Hex color 8D68AE.

# 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](#).

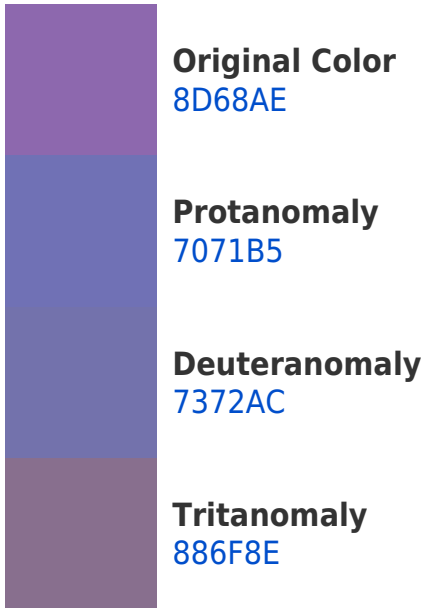
## Dichromacy



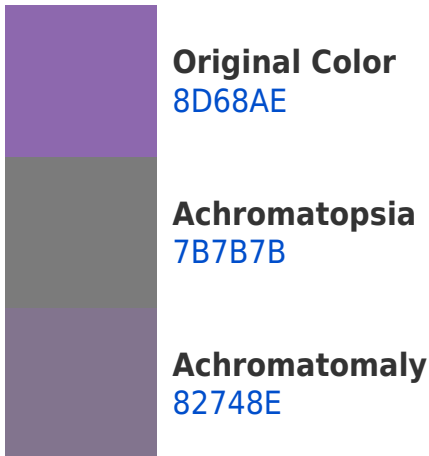


**Tritanopia**  
85737C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D68AE 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 #8D68AE looks like.

```
.text, #text, p{  
    color:#8D68AE  
}
```

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 #8D68AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D68AE
}
```

## Border

The CSS property to change the border of an element to Hex 8D68AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

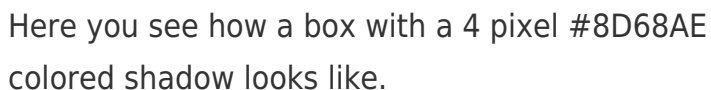
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8D68AE }
```

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

```
.border{ border-color:#8D68AE }
```

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



Here you see how a box with a 4 pixel #8D68AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D68AE; -webkit-box-shadow:4px 4px  
4px 4px #8D68AE; box-shadow:4px 4px 4px  
4px #8D68AE }
```

# Background

The CSS property to change the background color of an element to Hex 8D68AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D68AE }
```

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

```
.background{ background-color:#8D68AE }
```

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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