

# Converting Colors

Hex(8450A0)

Have a look what the booklet for  
Hex(8450A0) contains.

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# Color

**Hex(8450A0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8450A0
RGB	132, 80, 160
RGB Percent	52%, 31%, 63%
CMY	0.4824, 0.6863, 0.3725
CMYK	0.17, 0.50, 0.00, 0.37
HSL	279°, 33%, 47%
HSV	279°, 50%, 63%
XYZ	18.7295, 13.1809, 34.8147
YIQ	104.6680, 5.3120, 35.9040

# Conversions

## Conversions Part 2

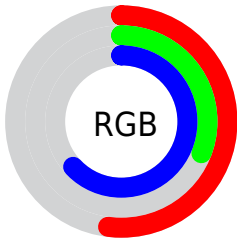
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 80, 160
Decimal	8671392
CIE <sub>Lab</sub>	43.03, 36.50, -34.98
CIE <sub>LCh</sub>	43, 50.554, 316.220
Yxy	13.1809, 0.2807, 0.1975
Android (android.graphics.Color)	4286861472 (0xFF8450A0)
YUV	104.6680, 27.2787, 23.9702
Hunter-Lab	36.3055, 28.5511, -31.4415

# Details

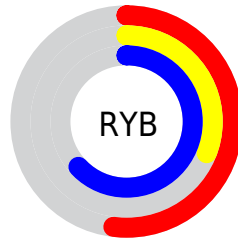
The Hex color **8450A0** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **6CA050**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **BB83D7**, and **50206C** is the 20% darker color. If you saturate the color by 10%, you get **7E40A0**, and if you desaturate by 10%, it is **8A60A0**.

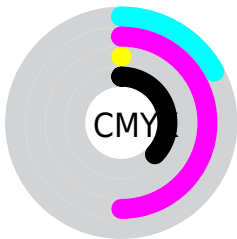
# Distribution



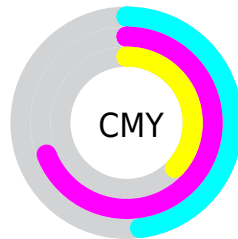
- Red (52%)
- Green (31%)
- Blue (63%)



- Red (52%)
- Yellow (31%)
- Blue (63%)



- Cyan (17%)
- Magenta (50%)
- Yellow (0%)
- Black (37%)



- Cyan (48%)
- Magenta (69%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8450A0 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 8450A0 by changing the saturation by 10% instead.



8450A0

8450A0

FFFFFF

6A3886

BB83D7

50206C

D79DF4

370653

F4B9FF

20003C

FFD5FF

000025

FFF1FF

00010E

000000

8450A0

8450A0

7E40A0

8A60A0

7930A0

8F70A0

7320A0

9580A0

6E10A0

9A90A0

6800A0

A0A0A0

A6B0A0

ABC0A0

B1D0A0

B6E0A0

# Harmonies

## Analogous

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



3B63B6



8450A0



A73F7B

# Triad

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



8450A0



8A5D07



00797C

# Complementary

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



8450A0



6CA050

# 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.



007850



8450A0



656B02

# Square

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



8450A0



A54B2A



327327



0077A1

# Rectangle

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



8450A0



B03B5F



327327



00796D



# Sweetspot

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



8450A0



C6B2D1



506CA0



625669



E8E8E8



696969



# Same Dimension

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



8450A0



A554D1



A05094



4C474F



5D008F



0A000F



# Inverse Universe

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



A0506C



D15480



50A05C



4F474A



8F0032

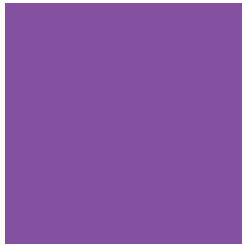


0F0005



# Previews

## White Background



This preview shows how the Hex color 8450A0 looks on a white background.

## Color Contrast Check

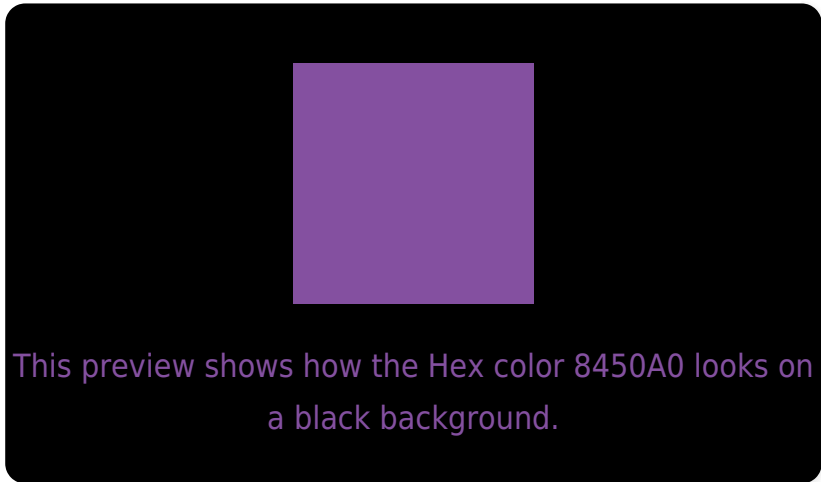
Large Text (above 18pt) WCAG AA ✓ Pass

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

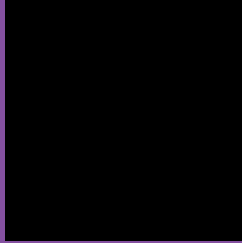
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8450A0 Background



This preview shows how black text looks on a background with the Hex color 8450A0.

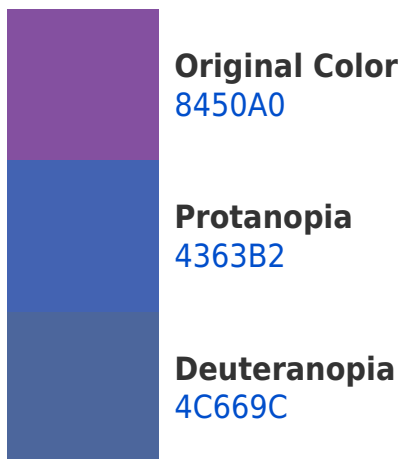


This preview shows how white text looks on a background with the Hex color 8450A0.

# 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**  
7B5E65

# Trichromacy



**Original Color**  
8450A0



**Protanomaly**  
5B5CAB



**Deuteranomaly**  
605E9D



**Tritanomaly**  
7E597A

# Monochromacy



**Original Color**  
8450A0



**Achromatopsia**  
696969



**Achromatomaly**  
73607D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8450A0 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 #8450A0 looks like.

```
.text, #text, p{  
    color:#8450A0  
}
```

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 #8450A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8450A0
}
```

## Border

The CSS property to change the border of an element to Hex 8450A0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

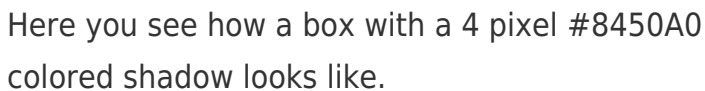
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8450A0 }
```

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

```
.border{ border-color:#8450A0 }
```

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



Here you see how a box with a 4 pixel #8450A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8450A0; -webkit-box-shadow:4px 4px  
4px 4px #8450A0; box-shadow:4px 4px 4px  
4px #8450A0 }
```

# Background

The CSS property to change the background color of an element to Hex 8450A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8450A0 }
```

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

```
.background{ background-color:#8450A0 }
```

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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