

# Converting Colors

Hex(8540A1)

Have a look what the booklet for  
Hex(8540A1) contains.

<b>Hex(8540A1)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(8540A1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8540A1
RGB	133, 64, 161
RGB Percent	52%, 25%, 63%
CMY	0.4784, 0.7490, 0.3686
CMYK	0.17, 0.60, 0.00, 0.37
HSL	283°, 43%, 44%
HSV	283°, 60%, 63%
XYZ	17.9393, 11.2265, 34.9396
YIQ	95.6890, 9.9870, 44.7950

# Conversions

## Conversions Part 2

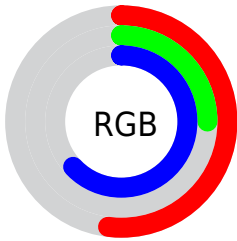
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 64, 161
Decimal	8732833
CIE <sub>Lab</sub>	39.96, 45.60, -40.44
CIE <sub>LCh</sub>	40, 60.954, 318.432
Yxy	11.2265, 0.2798, 0.1751
Android (android.graphics.Color)	4286922913 (0xFF8540A1)
YUV	95.6890, 32.1983, 32.7217
Hunter-Lab	33.5060, 36.9341, -38.3726

# Details

The Hex color **8540A1** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5CA140**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **BC73D8**, and **50086D** is the 20% darker color. If you saturate the color by 10%, you get **8030A1**, and if you desaturate by 10%, it is **8A50A1**.

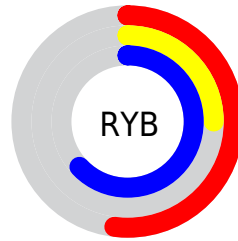
# Distribution



Red (52%)

Green (25%)

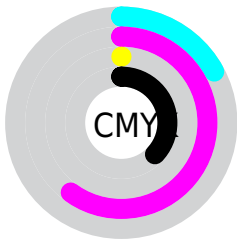
Blue (63%)



Red (52%)

Yellow (25%)

Blue (63%)

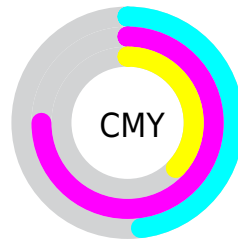


Cyan (17%)

Magenta (60%)

Yellow (0%)

Black (37%)



Cyan (48%)

Magenta (75%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8540A1 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 8540A1 by changing the saturation by 10% instead.



8540A1

8540A1

FFFFFF

6A2686

BC73D8

50086D

D98EF5

360054

F6A9FF

21003C

FFC5FF

000125

FFE2FF

00010E

000000

8540A1

8540A1

8030A1

8A50A1

7C20A1

8E60A1

7710A1

9370A1

7300A1

9880A1

9C91A1

A1A1A1

A6B1A1

AAC1A1

AFD1A1

# Harmonies

## Analogous

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



1F5ABE



8540A1



AC2374

# Triad

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



8540A1



835500



00747C

# Complementary

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



8540A1



5CA140

# 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.



007348



8540A1



566500

# Square

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



8540A1



A43D11



006E11



0072A8

# Rectangle

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



8540A1



B41D52



006E11



00746B



# Sweetspot

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



8540A1



C6ABD1



405DA1



625269



E8E8E8



696969



# Same Dimension

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



8540A1



A63BD1



A1408E



4F4952



670091



0D0012



# Inverse Universe

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



A1405C



D13B66



40A153



52494C



91002A

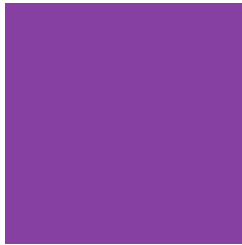


120005



# Previews

## White Background



This preview shows how the Hex color 8540A1 looks on a white background.

## Color Contrast Check

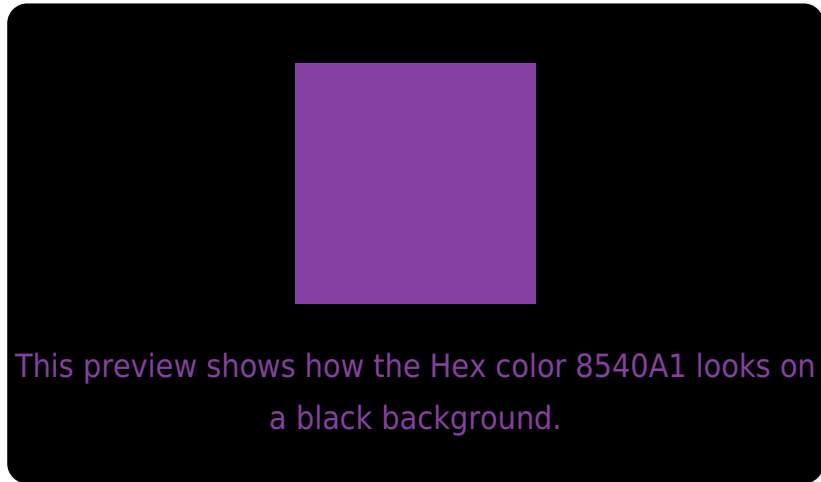
Large Text (above 18pt) WCAG AA ✓ Pass

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

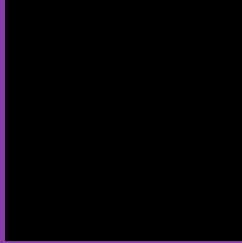
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8540A1 Background



This preview shows how black text looks on a background with the Hex color 8540A1.

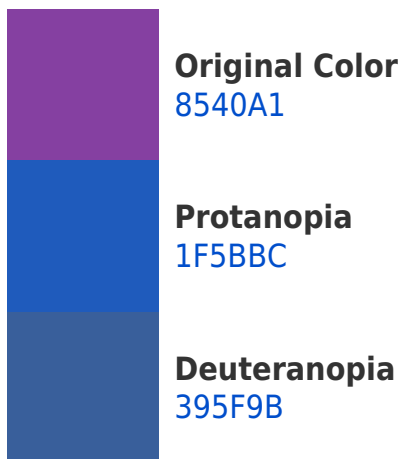



This preview shows how white text looks on a background with the Hex color 8540A1.

# 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](#).

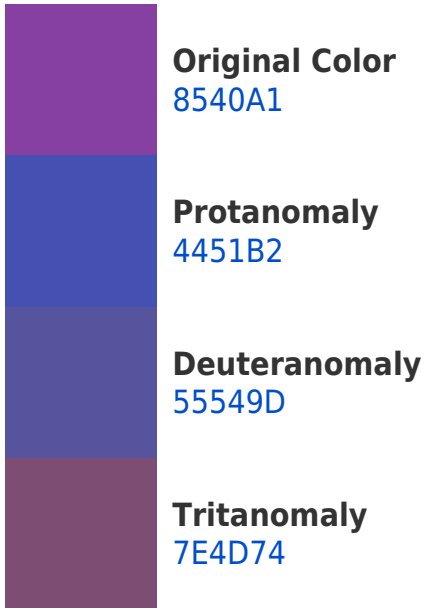
## Dichromacy



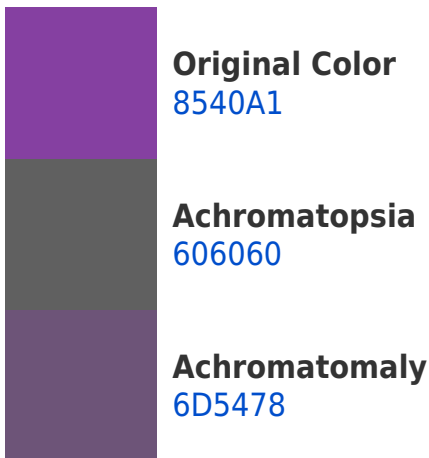


**Tritanopia**  
7A545A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8540A1 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 #8540A1 looks like.

```
.text, #text, p{  
    color:#8540A1  
}
```

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 #8540A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8540A1
}
```

## Border

The CSS property to change the border of an element to Hex 8540A1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

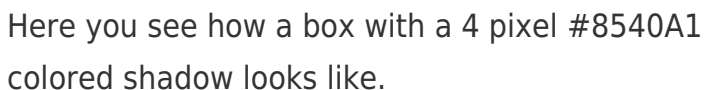
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8540A1 }
```

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

```
.border{ border-color:#8540A1 }
```

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



Here you see how a box with a 4 pixel #8540A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8540A1; -webkit-box-shadow:4px 4px  
4px 4px #8540A1; box-shadow:4px 4px 4px  
4px #8540A1 }
```

# Background

The CSS property to change the background color of an element to Hex 8540A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8540A1 }
```

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

```
.background{ background-color:#8540A1 }
```

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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