

# Converting Colors

Hex(8140A8)

Have a look what the booklet for  
Hex(8140A8) contains.

<b>Hex(8140A8)</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(8140A8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8140A8
RGB	129, 64, 168
RGB Percent	51%, 25%, 66%
CMY	0.4941, 0.7490, 0.3412
CMYK	0.23, 0.62, 0.00, 0.34
HSL	278°, 45%, 45%
HSV	278°, 62%, 66%
XYZ	17.9545, 11.1611, 38.2538
YIQ	95.2910, 5.3560, 46.1240

# Conversions

## Conversions Part 2

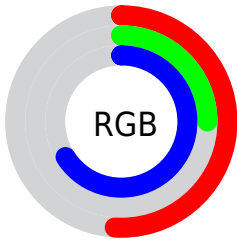
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 64, 168
Decimal	8470696
CIE <sub>Lab</sub>	39.85, 46.16, -44.83
CIE <sub>LCh</sub>	40, 64.343, 315.834
Yxy	11.1611, 0.2665, 0.1657
Android (android.graphics.Color)	4286660776 (0xFF8140A8)
YUV	95.2910, 35.8455, 29.5628
Hunter-Lab	33.4082, 37.4668, -44.5038

# Details

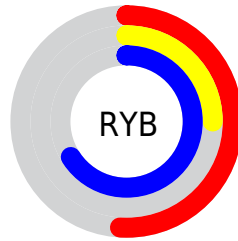
The Hex color **8140A8** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **67A840**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **B973E0**, and **4C0973** is the 20% darker color. If you saturate the color by 10%, you get **7B2FA8**, and if you desaturate by 10%, it is **8751A8**.

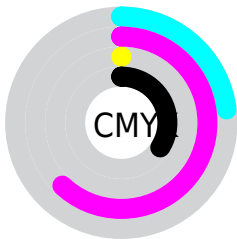
# Distribution



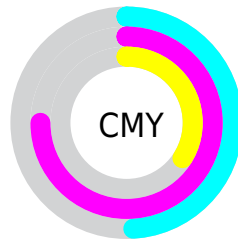
- Red (51%)
- Green (25%)
- Blue (66%)



- Red (51%)
- Yellow (25%)
- Blue (66%)



- Cyan (23%)
- Magenta (62%)
- Yellow (0%)
- Black (34%)



- Cyan (49%)
- Magenta (75%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8140A8 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 8140A8 by changing the saturation by 10% instead.



8140A8

8140A8

FFFFFF

66268D

B973E0

4C0973

D58EFD

31005A

F2A9FF

1C0042

FFC5FF

00012B

FFE1FF

000115

FFFEFF

000000

8140A8

8140A8

7B2FA8

8751A8

741EA8

8E62A8

6E0EA8

9472A8

6900A8

9A83A8

A094A8

A7A5A8

ADB6A8

B3C6A8

BAD7A8

# Harmonies

## Analogous

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



005BC4



8140A8



AD1D79

# Triad

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



8140A8



875200



007479

# Complementary

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



8140A8



67A840

# 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.



007342



8140A8



596400

# Square

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



8140A8



A83710



026E00



0073A9

# Rectangle

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



8140A8



B80F56



026E00



007467



# Sweetspot

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



8140A8



CCB2DB



4068A8



64546E



EDEDED



6E6E6E



# Same Dimension

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



8140A8



9E39DB



A8409C



514C54



5C0094



0D0014



# Inverse Universe

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



A84067



DB3976



40A84C



544C4F



940037



140008



# Previews

## White Background



This preview shows how the Hex color 8140A8 looks on a white background.

## Color Contrast Check

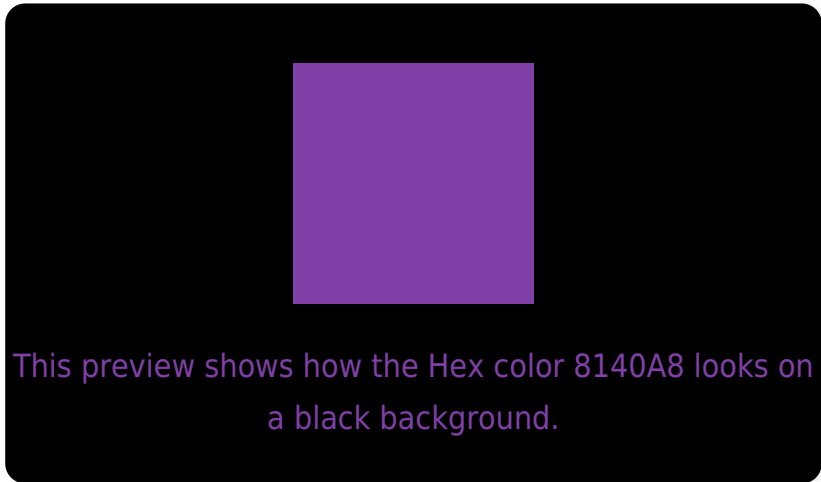
Large Text (above 18pt) WCAG AA ✓ Pass

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

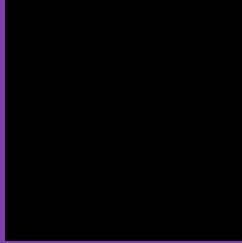
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8140A8 Background



This preview shows how black text looks on a background with the Hex color 8140A8.

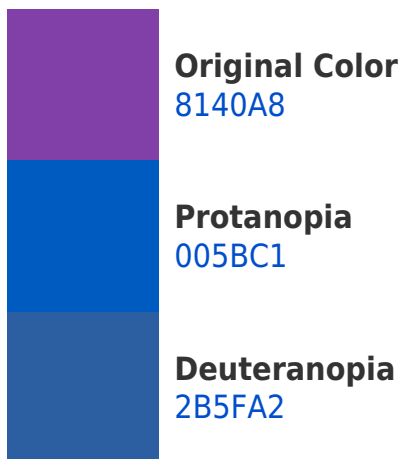



This preview shows how white text looks on a background with the Hex color 8140A8.

# 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](#).

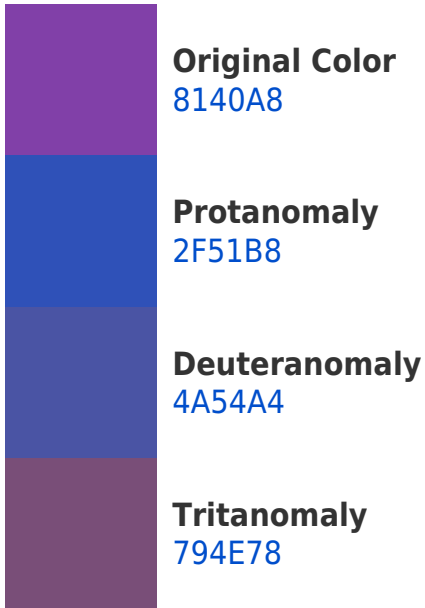
## Dichromacy



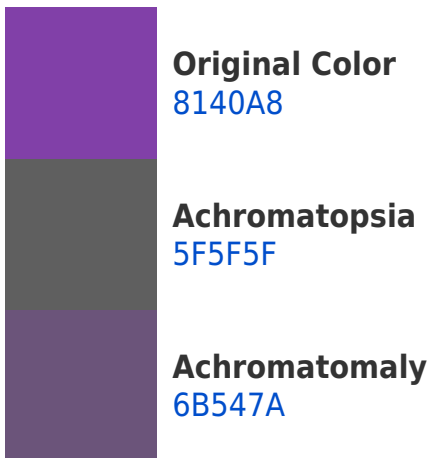


**Tritanopia**  
75565C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8140A8 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 #8140A8 looks like.

```
.text, #text, p{  
    color:#8140A8  
}
```

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 #8140A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8140A8
}
```

## Border

The CSS property to change the border of an element to Hex 8140A8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

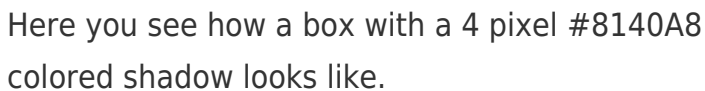
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8140A8 }
```

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

```
.border{ border-color:#8140A8 }
```

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



Here you see how a box with a 4 pixel #8140A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8140A8; -webkit-box-shadow:4px 4px  
4px 4px #8140A8; box-shadow:4px 4px 4px  
4px #8140A8 }
```

# Background

The CSS property to change the background color of an element to Hex 8140A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8140A8 }
```

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

```
.background{ background-color:#8140A8 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor