

# Converting Colors

Hex(8A68A4)

Have a look what the booklet for  
Hex(8A68A4) contains.

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# Color

**Hex(8A68A4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A68A4
RGB	138, 104, 164
RGB Percent	54%, 41%, 64%
CMY	0.4588, 0.5922, 0.3569
CMYK	0.16, 0.37, 0.00, 0.36
HSL	274°, 25%, 53%
HSV	274°, 37%, 64%
XYZ	22.1324, 17.9842, 37.4268
YIQ	121.0060, 1.0040, 25.8680

# Conversions

## Conversions Part 2

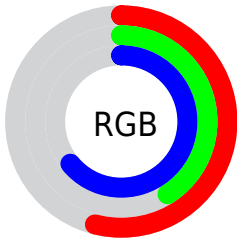
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 104, 164
Decimal	9070756
CIE <sub>Lab</sub>	49.48, 25.38, -27.21
CIE <sub>LCh</sub>	49, 37.209, 313.010
Yxy	17.9842, 0.2854, 0.2319
Android (android.graphics.Color)	4287260836 (0xFF8A68A4)
YUV	121.0060, 21.1960, 14.9037
Hunter-Lab	42.4078, 18.9444, -22.6405

# Details

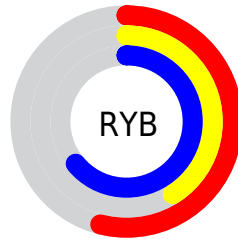
The Hex color **8A68A4** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **82A468**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **C09CDB**, and **573870** is the 20% darker color. If you saturate the color by 10%, you get **8358A4**, and if you desaturate by 10%, it is **9178A4**.

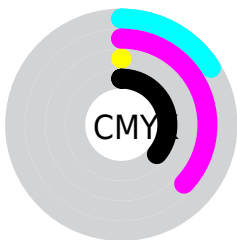
# Distribution



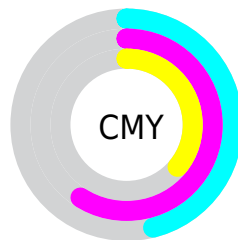
- Red (54%)
- Green (41%)
- Blue (64%)



- Red (54%)
- Yellow (41%)
- Blue (64%)



- Cyan (16%)
- Magenta (37%)
- Yellow (0%)
- Black (36%)



- Cyan (46%)
- Magenta (59%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A68A4 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 8A68A4 by changing the saturation by 10% instead.



8A68A4

8A68A4

FFFFFF

70508A

C09CDB

573870

DCB7F8

3E2257

F9D2FF

270C40

FFEFFF

15002A

000113

000000

8A68A4

8A68A4

8358A4

9178A4

7C47A4

9889A4

7537A4

9F99A4

6E26A4

A6AAA4

6616A4

AEBA44

5F06A4

B5CAA4

5D00A4

BCDBA4

C3EBA4

CAFCA4

# Harmonies

## Analogous

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



5A74B3



8A68A4



A75E89

# Triad

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



8A68A4



986E39



008683

# Complementary

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



8A68A4



82A468

# 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.



288562



8A68A4



7B7836

# Square

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



8A68A4



AB624C



588046



0084A0

# Rectangle

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



8A68A4



B05B74



588046



008678



# Sweetspot

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



8A68A4



CCBFD6



6882A4



655D6B



EBEBEB



6B6B6B



# Same Dimension

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



8A68A4



AD78D6



A468A0



4E4952



520091



0A0012



# Inverse Universe

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



A46882



D678A1



68A46C



52494D



91003F

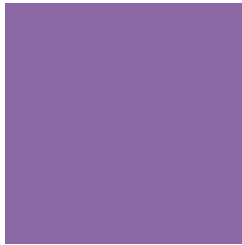


120008



# Previews

## White Background



This preview shows how the Hex color 8A68A4 looks on a white background.

## Color Contrast Check

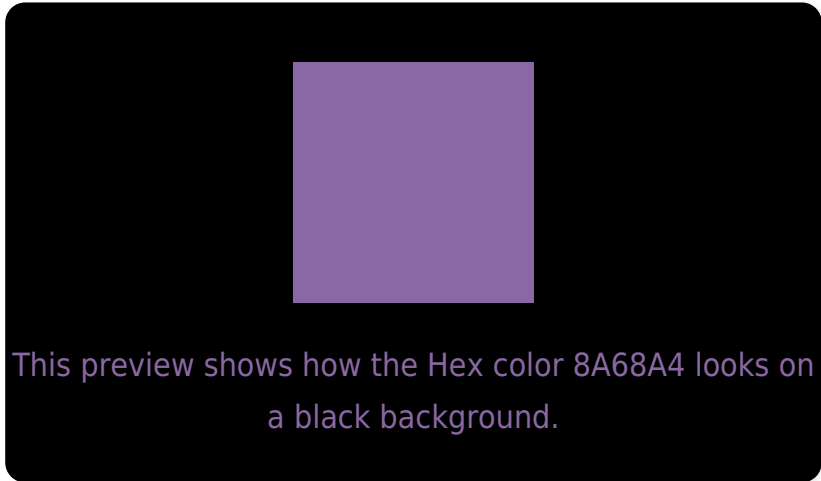
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

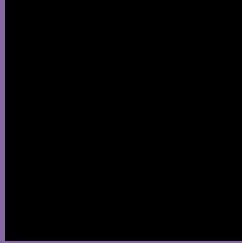
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8A68A4 Background



This preview shows how black text looks on a background with the Hex color 8A68A4.

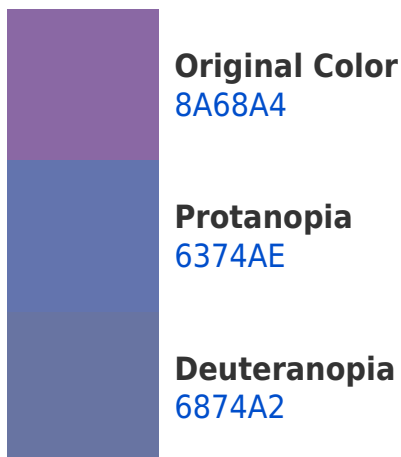


This preview shows how white text looks on a background with the Hex color 8A68A4.

# 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](#).

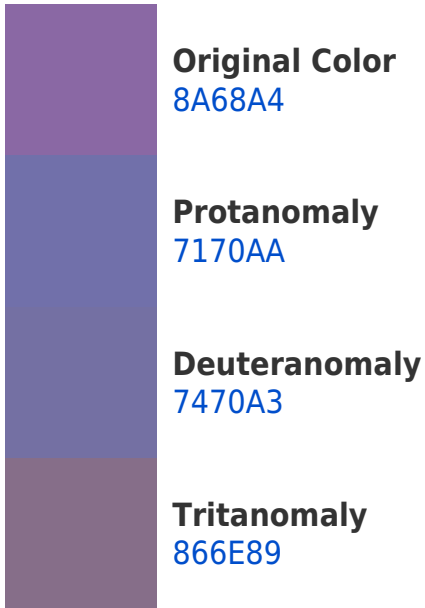
## Dichromacy



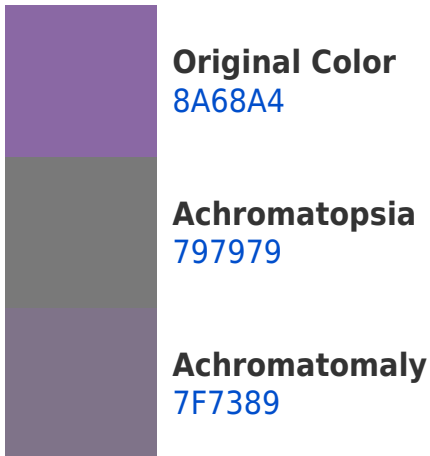


**Tritanopia**  
83717A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A68A4 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 #8A68A4 looks like.

```
.text, #text, p{  
    color:#8A68A4  
}
```

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 #8A68A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A68A4
}
```

## Border

The CSS property to change the border of an element to Hex 8A68A4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

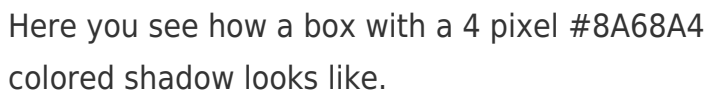
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A68A4 }
```

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

```
.border{ border-color:#8A68A4 }
```

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



Here you see how a box with a 4 pixel #8A68A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A68A4; -webkit-box-shadow:4px 4px  
4px 4px #8A68A4; box-shadow:4px 4px 4px  
4px #8A68A4 }
```

# Background

The CSS property to change the background color of an element to Hex 8A68A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A68A4 }
```

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

```
.background{ background-color:#8A68A4 }
```

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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