

# Converting Colors

Hex(8A7694)

Have a look what the booklet for  
Hex(8A7694) contains.

<b>Hex(8A7694)</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(8A7694)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A7694
RGB	138, 118, 148
RGB Percent	54%, 46%, 58%
CMY	0.4588, 0.5373, 0.4196
CMYK	0.07, 0.20, 0.00, 0.42
HSL	280°, 12%, 52%
HSV	280°, 20%, 58%
XYZ	22.3050, 20.4983, 30.7979
YIQ	127.4000, 2.2900, 13.5700

# Conversions

## Conversions Part 2

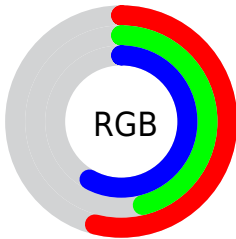
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	138, 118, 148
Decimal	9074324
CIE Lab	52.40, 13.60, -13.36
CIE LCh	52, 19.063, 315.500
Yxy	20.4983, 0.3031, 0.2785
Android (android.graphics.Color)	4287264404 (0xFF8A7694)
YUV	127.4000, 10.1558, 9.2962
Hunter-Lab	45.2750, 8.7077, -8.6390

# Details

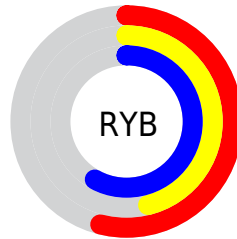
The Hex color **8A7694** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **809476**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **C0AACA**, and **584661** is the 20% darker color. If you saturate the color by 10%, you get **856794**, and if you desaturate by 10%, it is **8F8594**.

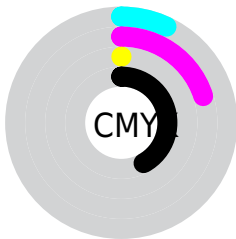
# Distribution



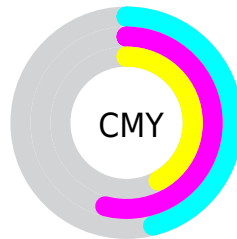
- Red (54%)
- Green (46%)
- Blue (58%)



- Red (54%)
- Yellow (46%)
- Blue (58%)



- Cyan (7%)
- Magenta (20%)
- Yellow (0%)
- Black (42%)



- Cyan (46%)
- Magenta (54%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A7694 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 8A7694 by changing the saturation by 10% instead.





8A7694



8A7694

FFFFFF



705D7A



C0AACA



584661



DCC6E6



402F49



F8E2FF



2A1A33

FFFEFF



17001E



000001



000000



8A7694



8A7694



856794



8F8594

805894

949494

7B4A94

99A294

763B94

9EB194

712C94

A3C094

6C1D94

A8CF94

670E94

ADDE94

630094

B1EC94

B6FB94

# Harmonies

## Analogous

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



757C9C



8A7694



997286

# Triad

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



8A7694



90795E



4F8685

# Complementary

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



8A7694



809476

# 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.



5C8674



8A7694



807F5D

# Square

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



8A7694



9B7466



6E8366



508594

# Rectangle

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



8A7694



9E717B



6E8366



538680



# Sweetspot

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



8A7694



BBB4BF



768094



5F5A61



E0E0E0



616161



# Same Dimension

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



8A7694



B091BF



947690



47434A



5C008A



07000A



# Inverse Universe

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



947680



BF91A1



76947B



4A4345



8A002E

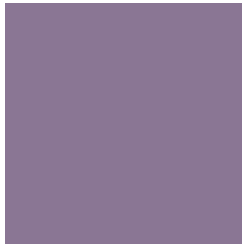


0A0003



# Previews

## White Background



This preview shows how the Hex color 8A7694 looks on a white background.

## Color Contrast Check

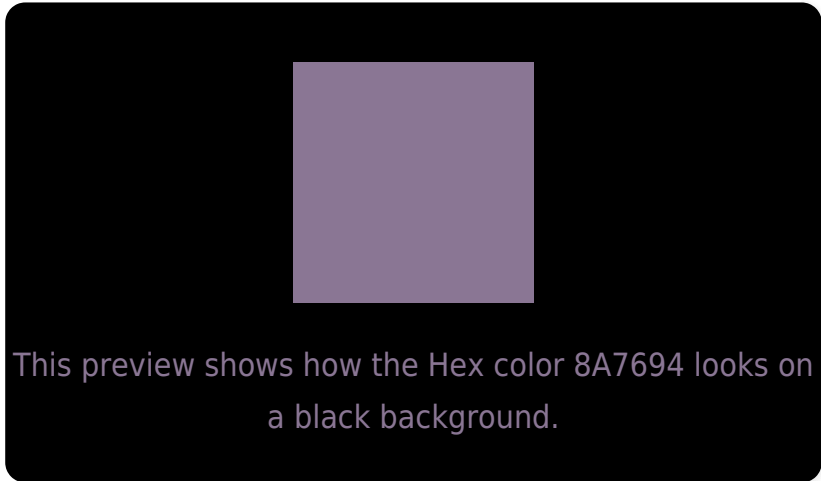
Large Text (above 18pt) WCAG AA ✓ Pass

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

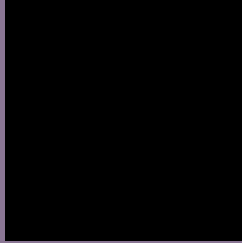
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8A7694 Background



This preview shows how black text looks on a background with the Hex color 8A7694.



This preview shows how white text looks on a background with the Hex color 8A7694.

# 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



**Original Color**  
8A7694

**Protanopia**  
77C98

**Deuteranopia**  
7F7A93



**Tritanopia**  
877983

# Trichromacy



**Original Color**  
8A7694

**Protanomaly**  
7E7A97

**Deuteranomaly**  
837993

**Tritanomaly**  
887889

# Monochromacy



**Original Color**  
8A7694

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
837C87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A7694 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 #8A7694 looks like.

```
.text, #text, p{  
    color:#8A7694  
}
```

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 #8A7694 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A7694
}
```

## Border

The CSS property to change the border of an element to Hex 8A7694 is called "border". The border property can be set on classes, ids or directly on the HTML element.

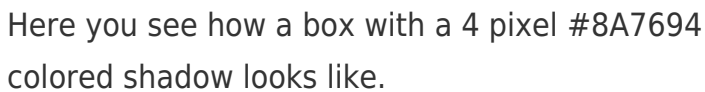
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A7694 }
```

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

```
.border{ border-color:#8A7694 }
```

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



Here you see how a box with a 4 pixel #8A7694 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A7694; -webkit-box-shadow:4px 4px  
4px 4px #8A7694; box-shadow:4px 4px 4px  
4px #8A7694 }
```

# Background

The CSS property to change the background color of an element to Hex 8A7694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A7694 }
```

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

```
.background{ background-color:#8A7694 }
```

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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