

# Converting Colors

Hex(8774AA)

Have a look what the booklet for  
Hex(8774AA) contains.

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# Color

**Hex(8774AA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8774AA
RGB	135, 116, 170
RGB Percent	53%, 45%, 67%
CMY	0.4706, 0.5451, 0.3333
CMYK	0.21, 0.32, 0.00, 0.33
HSL	261°, 24%, 56%
HSV	261°, 32%, 67%
XYZ	23.4928, 20.5440, 40.7574
YIQ	127.8370, -6.0100, 20.8220

# Conversions

## Conversions Part 2

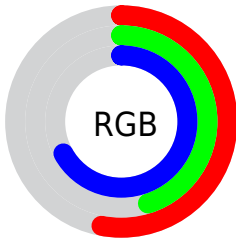
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 116, 170
Decimal	8877226
CIE <sub>Lab</sub>	52.45, 18.76, -26.13
CIE <sub>LCh</sub>	52, 32.163, 305.677
Yxy	20.5440, 0.2771, 0.2423
Android (android.graphics.Color)	4287067306 (0xFF8774AA)
YUV	127.8370, 20.7864, 6.2820
Hunter-Lab	45.3254, 13.1993, -21.5867

# Details

The Hex color **8774AA** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **97AA74**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **BDA8E1**, and **544476** is the 20% darker color. If you saturate the color by 10%, you get **7C63AA**, and if you desaturate by 10%, it is **9285AA**.

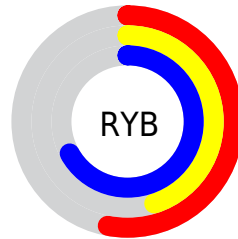
# Distribution



Red (53%)

Green (45%)

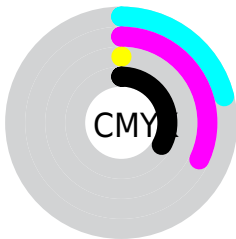
Blue (67%)



Red (53%)

Yellow (45%)

Blue (67%)

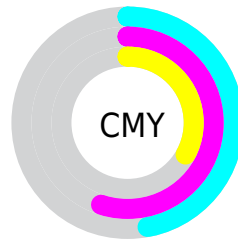


Cyan (21%)

Magenta (32%)

Yellow (0%)

Black (33%)



Cyan (47%)

Magenta (55%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8774AA 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 8774AA by changing the saturation by 10% instead.





8774AA



8774AA

FFFFFF



6D5B8F



BDA8E1



544476



D9C3FE



3C2D5D



F6DFFF



251845



FFFCFF



12002E



000119



000000



8774AA



8774AA



7C63AA



9285AA

7152AA

9D96AA

6641AA

A8A7AA

5B30AA

B3B8AA

501FAA

BEC9AA

450EAA

C9DAAA

3C00AA

D4EBAA

DFFCAA

EAFFAA

# Harmonies

## Analogous

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



5D7EB4



8774AA



A46B94

# Triad

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



8774AA



A1744B



1C8C82

# Complementary

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



8774AA



97AA74

# 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.



4A8A65



8774AA



8A7D45

# Square

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



8774AA



B06B5E



6C854F



008B9C

# Rectangle

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



8774AA



AF6882



6C854F



2E8B78



# Sweetspot

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



8774AA



CFC8DE



7497AA



676370



F0F0F0



707070



# Same Dimension

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



8774AA



A78ADE



A274AA



4F4C54



340094



070014



# Inverse Universe

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



AA7497



DE8AC0



7CAA74



544C51



940060

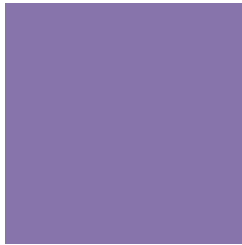


14000D



# Previews

## White Background



This preview shows how the Hex color 8774AA looks on a white background.

## Color Contrast Check

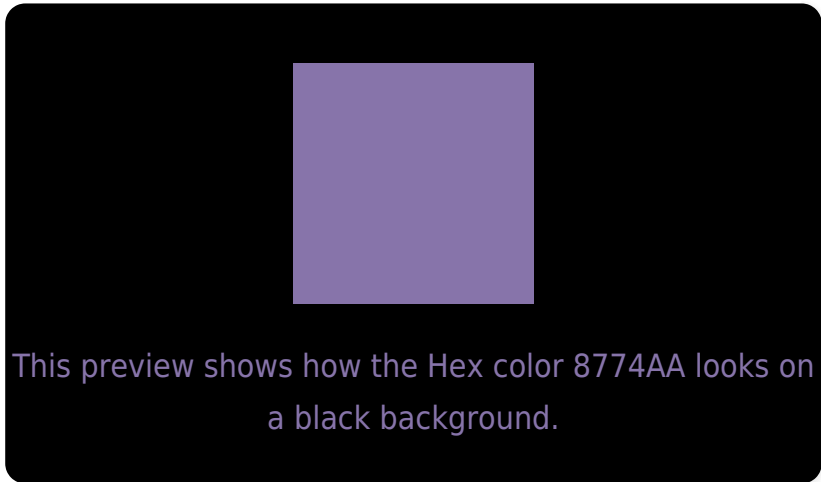
Large Text (above 18pt) WCAG AA ✓ Pass

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

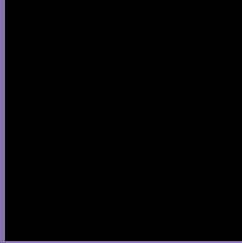
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8774AA Background



This preview shows how black text looks on a background with the Hex color 8774AA.



This preview shows how white text looks on a background with the Hex color 8774AA.

# 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**  
807B85

# Trichromacy



**Original Color**  
8774AA

**Protanomaly**  
7678AE

**Deuteranomaly**  
7978A9

**Tritanomaly**  
837892

# Monochromacy



**Original Color**  
8774AA

**Achromatopsia**  
808080

**Achromatomaly**  
837C8F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8774AA 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 #8774AA looks like.

```
.text, #text, p{  
    color:#8774AA  
}
```

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 #8774AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8774AA
}
```

## Border

The CSS property to change the border of an element to Hex 8774AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

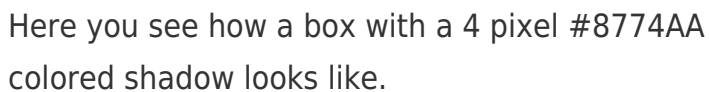
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8774AA }
```

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

```
.border{ border-color:#8774AA }
```

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



Here you see how a box with a 4 pixel #8774AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8774AA; -webkit-box-shadow:4px 4px  
4px 4px #8774AA; box-shadow:4px 4px 4px  
4px #8774AA }
```

# Background

The CSS property to change the background color of an element to Hex 8774AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8774AA }
```

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

```
.background{ background-color:#8774AA }
```

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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