

# Converting Colors

Hex(805774)

Have a look what the booklet for  
Hex(805774) contains.

<b>Hex(805774)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(805774)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	805774
RGB	128, 87, 116
RGB Percent	50%, 34%, 45%
CMY	0.4980, 0.6588, 0.5451
CMYK	0.00, 0.32, 0.09, 0.50
HSL	318°, 19%, 42%
HSV	318°, 32%, 50%
XYZ	15.4627, 12.6665, 18.1529
YIQ	102.5650, 15.1270, 17.7110

# Conversions

## Conversions Part 2

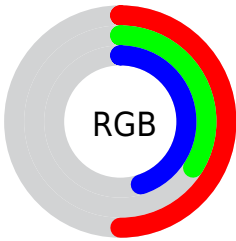
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">128, 87, 116</a>
Decimal	<a href="#">8410996</a>
CIELab	<a href="#">42.26, 21.85, -9.63</a>
CIELCh	<a href="#">42, 23.876, 336.203</a>
Yxy	<a href="#">12.6665, 0.3341, 0.2737</a>
Android (android.graphics.Color)	<a href="#">4286601076 (0xFF805774)</a>
YUV	<a href="#">102.5650, 6.6235, 22.3065</a>
Hunter-Lab	<a href="#">35.5901, 15.2695, -5.3281</a>

# Details

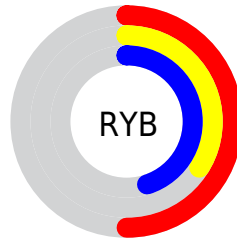
The Hex color **805774** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **578063**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **B589A8**, and **4E2944** is the 20% darker color. If you saturate the color by 10%, you get **804A70**, and if you desaturate by 10%, it is **806478**.

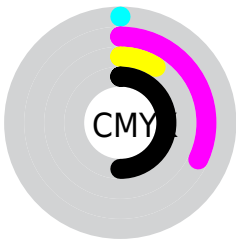
# Distribution



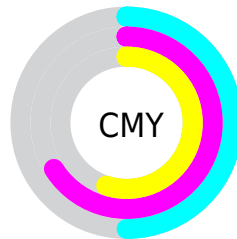
- Red (50%)
- Green (34%)
- Blue (45%)



- Red (50%)
- Yellow (34%)
- Blue (45%)



- Cyan (0%)
- Magenta (32%)
- Yellow (9%)
- Black (50%)



- Cyan (50%)
- Magenta (66%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 805774 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 805774 by changing the saturation by 10% instead.





805774



805774

FFFFFF



673F5B



B589A8



4E2944



D1A4C3



36132E



EEBFDF



230019



FFDBFC



000000



FFF8FF



805774



805774



804A70



806478



803D6D



80717B

803169

807D7F

802465

808A83

801761

809787

800A5E

80A48A

80005B

80B18E

80BD92

80CA96

# Harmonies

## Analogous

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



6C5D83



805774



8A5560

# Triad

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



805774



6D643C



1A6D7A

# Complementary

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



805774



578063

# 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.



276E67



805774



586943

# Square

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



805774



7E5D40



406D53



2F6A87

# Rectangle

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



805774



8A5653



406D53



1B6E74



# Sweetspot

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



805774



A695A1



635780



544A51



D4D4D4



545454



# Same Dimension

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



805774



A66793



805760



40393E



80005A



000000



# Inverse Universe

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



805774



A66793



578077



40393E



80005A

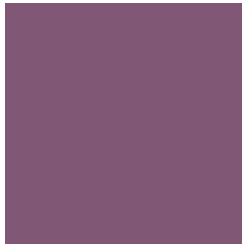


000000



# Previews

## White Background



This preview shows how the Hex color 805774 looks on a white background.

## Color Contrast Check

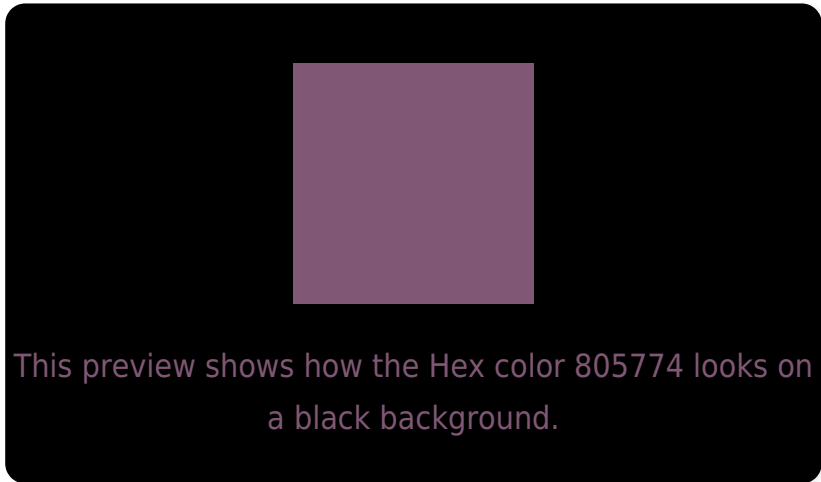
Large Text (above 18pt) WCAG AA ✓ Pass

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

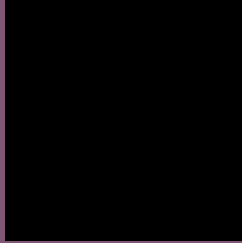
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 805774 Background



This preview shows how black text looks on a background with the Hex color 805774.



This preview shows how white text looks on a background with the Hex color 805774.

# 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**  
805774

**Protanopia**  
5E637C

**Deuteranopia**  
676172



**Tritanopia**  
7E5A61

# Trichromacy



**Original Color**  
805774

**Protanomaly**  
6A5F79

**Deuteranomaly**  
705D73

**Tritanomaly**  
7F5968

# Monochromacy



**Original Color**  
805774

**Achromatopsia**  
676767

**Achromatomaly**  
70616C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 805774 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 #805774 looks like.

```
.text, #text, p{  
    color:#805774  
}
```

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 #805774 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #805774
}
```

## Border

The CSS property to change the border of an element to Hex 805774 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
#805774 }
```

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

```
.border{ border-color:#805774 }
```

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

Here you see how a box with a 4 pixel #805774 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #805774; -webkit-box-shadow:4px 4px  
4px 4px #805774; box-shadow:4px 4px 4px  
4px #805774 }
```

# Background

The CSS property to change the background color of an element to Hex 805774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#805774 }
```

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

```
.background{ background-color:#805774 }
```

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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