

# Converting Colors

Hex(874F78)

Have a look what the booklet for  
Hex(874F78) contains.

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# Color

**Hex(874F78)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	874F78
RGB	135, 79, 120
RGB Percent	53%, 31%, 47%
CMY	0.4706, 0.6902, 0.5294
CMYK	0.00, 0.41, 0.11, 0.47
HSL	316°, 26%, 42%
HSV	316°, 41%, 53%
XYZ	16.1778, 12.0989, 19.2520
YIQ	100.4180, 20.2150, 24.6230

# Conversions

## Conversions Part 2

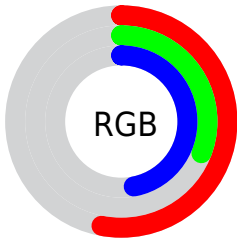
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 79, 120
Decimal	8867704
CIE <sub>Lab</sub>	41.37, 29.80, -13.34
CIE <sub>LCh</sub>	41, 32.647, 335.891
Yxy	12.0989, 0.3404, 0.2546
Android (android.graphics.Color)	4287057784 (0xFF874F78)
YUV	100.4180, 9.6539, 30.3284
Hunter-Lab	34.7835, 22.1493, -8.4673

# Details

The Hex color **874F78** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4F875E**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **BD81AC**, and **542047** is the 20% darker color. If you saturate the color by 10%, you get **874274**, and if you desaturate by 10%, it is **875D7C**.

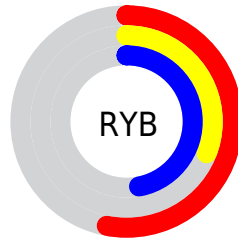
# Distribution



Red (53%)

Green (31%)

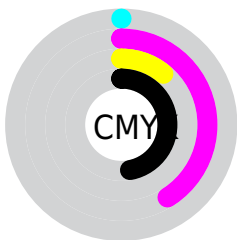
Blue (47%)



Red (53%)

Yellow (31%)

Blue (47%)

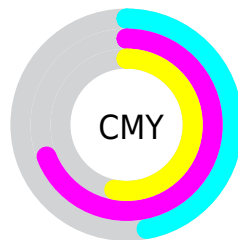


Cyan (0%)

Magenta (41%)

Yellow (11%)

Black (47%)



Cyan (47%)

Magenta (69%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 874F78 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 874F78 by changing the saturation by 10% instead.





874F78



874F78

FFFFFF



6D375F



BD81AC



542047



DA9CC8



3B0731



F6B7E4



27001C



FFD3FF



000000



FFEEFF



874F78



874F78



874274



875D7C



873471



876A7F

87276D

877883

87196A

878586

870B66

87938A

870063

87A08E

87AE91

87BB95

87C999

# Harmonies

## Analogous

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



6B588D



874F78



944B5D

# Triad

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



874F78



6D622B



006E80

# Complementary

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



874F78



4F875E

# 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.



006F66



874F78



506935

# Square

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



874F78



835831



2C6E4B



006A92

# Rectangle

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



874F78



944D4C



2C6E4B



006F78



# Sweetspot

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



874F78



B09BAA



5E4F87



594D56



D9D9D9



595959



# Same Dimension

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



874F78



B05898



874F5C



423C41



82005F



030002



# Inverse Universe

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



874F78



B05898



4F877A



423C41



82005F

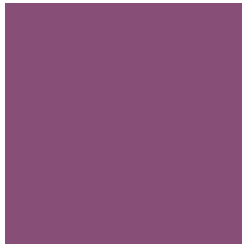


030002



# Previews

## White Background



This preview shows how the Hex color 874F78 looks on a white background.

## Color Contrast Check

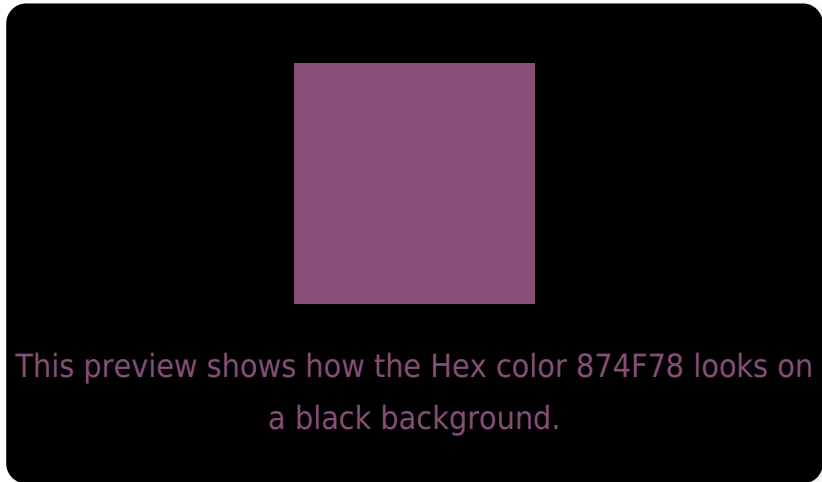
Large Text (above 18pt) WCAG AA ✓ Pass

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

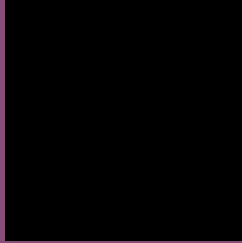
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 874F78 Background



This preview shows how black text looks on a background with the Hex color 874F78.



This preview shows how white text looks on a background with the Hex color 874F78.

# 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**  
84555B

# Trichromacy



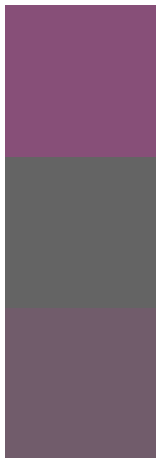
**Original Color**  
874F78

**Protanomaly**  
695A80

**Deuteranomaly**  
6F5A76

**Tritanomaly**  
855366

# Monochromacy



**Original Color**  
874F78

**Achromatopsia**  
646464

**Achromatomaly**  
715C6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 874F78 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 #874F78 looks like.

```
.text, #text, p{  
    color:#874F78  
}
```

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 #874F78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #874F78  
}
```

## Border

The CSS property to change the border of an element to Hex 874F78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

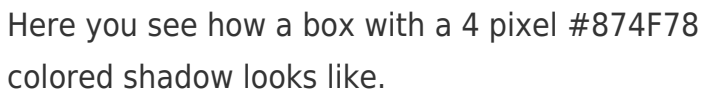
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#874F78 }
```

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

```
.border{ border-color:#874F78 }
```

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



Here you see how a box with a 4 pixel #874F78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #874F78; -webkit-box-shadow:4px 4px  
4px 4px #874F78; box-shadow:4px 4px 4px  
4px #874F78 }
```

# Background

The CSS property to change the background color of an element to Hex 874F78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#874F78 }
```

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

```
.background{ background-color:#874F78 }
```

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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