

Converting Colors

Hex(874E72)

Have a look what the booklet for
Hex(874E72) contains.

Hex(874E72)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(874E72)

Conversions

Conversions Part 1

Format	Color
Hex	874E72
RGB	135, 78, 114
RGB Percent	53%, 31%, 45%
CMY	0.4706, 0.6941, 0.5529
CMYK	0.00, 0.42, 0.16, 0.47
HSL	322°, 27%, 42%
HSV	322°, 42%, 53%
XYZ	15.7533, 11.8146, 17.3697
YIQ	99.1470, 22.4160, 23.2800

Conversions

Conversions Part 2

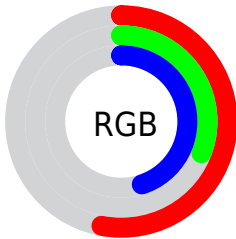
Format	Color
RYB	135, 78, 114
Decimal	8867442
CIELab	40.92, 29.31, -10.33
CIElCh	41, 31.075, 340.580
Yxy	11.8146, 0.3506, 0.2629
Android (android.graphics.Color)	4287057522 (0xFF874E72)
YUV	99.1470, 7.3225, 31.4431
Hunter-Lab	34.3723, 21.6574, -5.9010

Details

The Hex color **874E72** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4E8763**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **BD80A6**, and **541F42** is the 20% darker color. If you saturate the color by 10%, you get **87416D**, and if you desaturate by 10%, it is **875C77**.

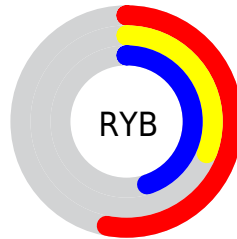
Distribution



Red (53%)

Green (31%)

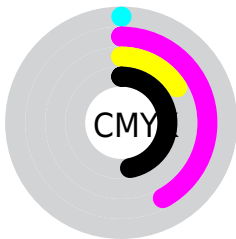
Blue (45%)



Red (53%)

Yellow (31%)

Blue (45%)

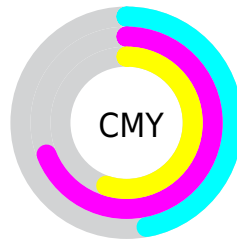


Cyan (0%)

Magenta (42%)

Yellow (16%)

Black (47%)



Cyan (47%)

Magenta (69%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 874E72 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 874E72 by changing the saturation by 10% instead.



874E72



874E72

FFFFFF



6D3659



BD80A6



541F42



DA9BC1



3B062C



F7B6DD



270018



FFD2F9



000000



FFEEFF



874E72



874E72



87416D



875C77



873368



87697C

 872663

 877781

 87185E

 878486

 870B59

 87928B

 870055

 879F90

 87AD95

 87BA9A

 87C89F

Harmonies

Analogous

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



6E5687



874E72



914C58

Triad

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



874E72



67622D



006C81

Complementary

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



874E72



4E8763

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.



006E69



874E72



4C6939

Square

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



874E72



7E5930



286C4F



006890

Rectangle

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



874E72



904E48



286C4F



006D7A

Sweetspot

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



874E72



B099A8



634E87



594B54



D9D9D9



595959

Same Dimension

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



874E72



B0568F



874E56



423C40



820052



030002

Inverse Universe

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



874E72



B0568F



4E877F



423C40



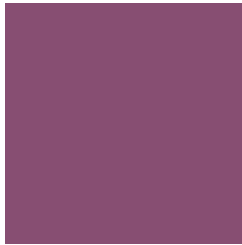
820052



030002

Previews

White Background



This preview shows how the Hex color 874E72 looks on a white background.

Color Contrast Check

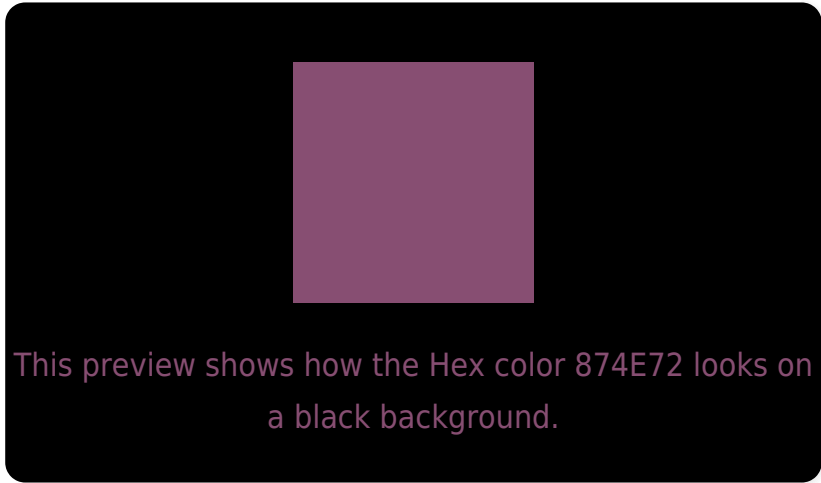
Large Text (above 18pt) WCAG AA ✓ Pass

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

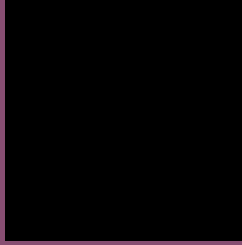
Any Text WCAG AA × Fail

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 874E72 Background



This preview shows how black text looks on a background with the Hex color 874E72.



This preview shows how white text looks on a background with the Hex color 874E72.

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
845359

Trichromacy



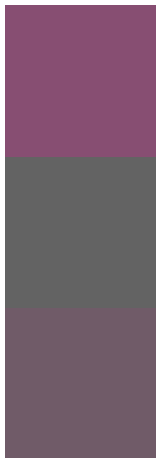
Original Color
874E72

Protanomaly
6A597A

Deuteranomaly
715870

Tritanomaly
855162

Monochromacy



Original Color
874E72

Achromatopsia
636363

Achromatomaly
705B68

CSS Examples

Text

The CSS property to change the color of the text to Hex 874E72 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 #874E72 looks like.

```
.text, #text, p{  
    color:#874E72  
}
```

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 #874E72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #874E72
}
```

Border

The CSS property to change the border of an element to Hex 874E72 is called "border". The border property can be set on classes, ids or directly on the HTML element.

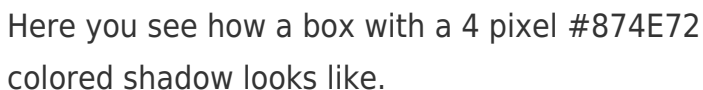
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#874E72 }
```

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

```
.border{ border-color:#874E72 }
```

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



Here you see how a box with a 4 pixel #874E72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #874E72; -webkit-box-shadow:4px 4px  
4px 4px #874E72; box-shadow:4px 4px 4px  
4px #874E72 }
```

Background

The CSS property to change the background color of an element to Hex 874E72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#874E72 }
```

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

```
.background{ background-color:#874E72 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor