

Converting Colors

Hex(874A51)

Have a look what the booklet for
Hex(874A51) contains.

Hex(874A51)	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(874A51)

Conversions

Conversions Part 1

Format	Color
Hex	874A51
RGB	135, 74, 81
RGB Percent	53%, 29%, 32%
CMY	0.4706, 0.7098, 0.6824
CMYK	0.00, 0.45, 0.40, 0.47
HSL	353°, 29%, 41%
HSV	353°, 45%, 53%
XYZ	13.9257, 10.6425, 9.1048
YIQ	93.0370, 34.1090, 15.1090

Conversions

Conversions Part 2

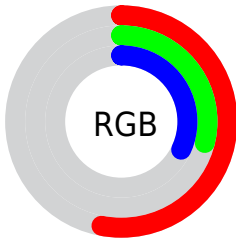
Format	Color
R_{YB}	135, 74, 81
Decimal	8866385
CIE _{Lab}	38.97, 26.64, 7.32
CIE _{LCh}	39, 27.630, 15.364
Yxy	10.6425, 0.4136, 0.3161
Android (android.graphics.Color)	4287056465 (0xFF874A51)
YUV	93.0370, -5.9342, 36.8016
Hunter-Lab	32.6229, 19.1058, 6.2886

Details

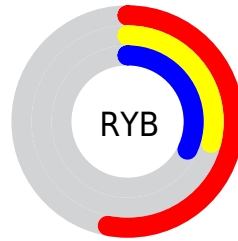
The Hex color **874A51** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4A8780**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **BE7C82**, and **521B25** is the 20% darker color. If you saturate the color by 10%, you get **873D45**, and if you desaturate by 10%, it is **87585D**.

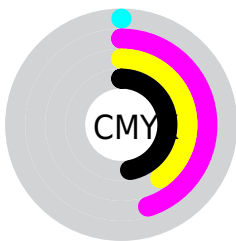
Distribution



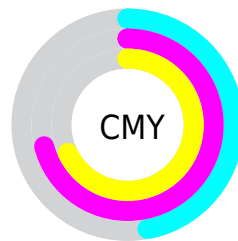
- Red (53%)
- Green (29%)
- Blue (32%)



- Red (53%)
- Yellow (29%)
- Blue (32%)



- Cyan (0%)
- Magenta (45%)
- Yellow (40%)
- Black (47%)



- Cyan (47%)
- Magenta (71%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 874A51 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 874A51 by changing the saturation by 10% instead.

■ 874A51

■ 874A51

FFFFFF

■ 6C323A

■ BE7C82

■ 521B25

■ DB969C

■ 390410

■ F8B1B7

■ 240001

■ FFCDD3

■ 000000

■ FFE9EF

■ 874A51

■ 874A51

■ 873D45

■ 87585D

■ 872F39

■ 876569

 87212D

 877375

 871421

 878081

 870615

 878E8D

 87000F

 879B99

 87A9A5

 87B6B1

 87C4BD

Harmonies

Analogous

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



804B68



874A51



824F3D

Triad

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



874A51



45643B



206187

Complementary

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



874A51



4A8780

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.



00667B



874A51



266750

Square

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



874A51



5F5E2F



006867



4D5A87

Rectangle

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



874A51



795433



006867



066384

Sweetspot

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



874A51



B0979A



804A87



594A4C



D9D9D9



595959

Same Dimension

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



874A51



B0515C



87614A



423C3C



82000F



030000

Inverse Universe

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



874A51



B0515C



4A7087



423C3C



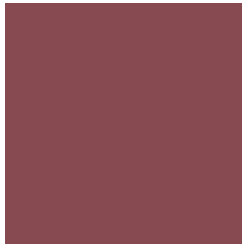
82000F



030000

Previews

White Background



This preview shows how the Hex color 874A51 looks on a white background.

Color Contrast Check

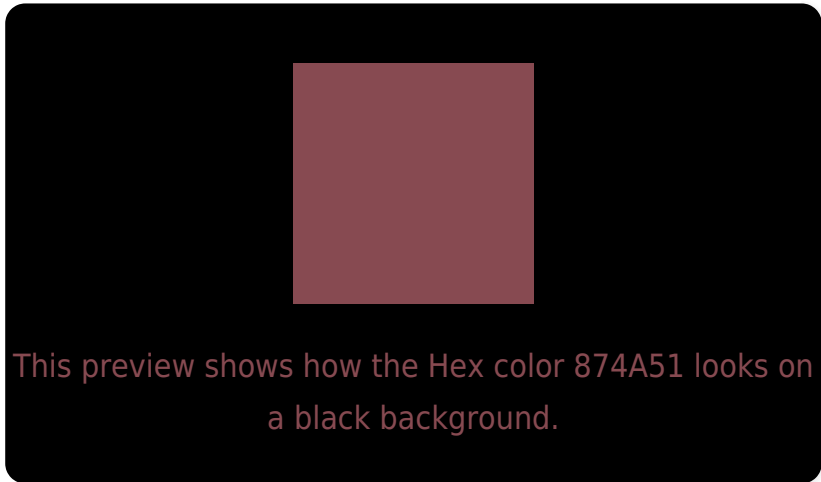
Large Text (above 18pt) WCAG AA ✓ Pass

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

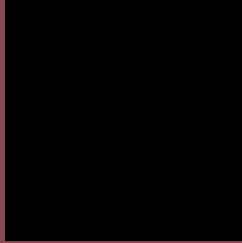
Any Text WCAG AA × Fail

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 874A51 Background



This preview shows how black text looks on a background with the Hex color 874A51.



This preview shows how white text looks on a background with the Hex color 874A51.

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
874A51

Protanopia
5E5C5B

Deuteranopia
6A594E



Tritanopia
874A50

Trichromacy



Original Color
874A51

Protanomaly
6D5557

Deuteranomaly
75544F

Tritanomaly
874A50

Monochromacy



Original Color
874A51

Achromatopsia
5D5D5D

Achromatomaly
6C5659

CSS Examples

Text

The CSS property to change the color of the text to Hex 874A51 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 #874A51 looks like.

```
.text, #text, p{  
    color:#874A51  
}
```

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 #874A51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #874A51
}
```

Border

The CSS property to change the border of an element to Hex 874A51 is called "border". The border property can be set on classes, ids or directly on the HTML element.

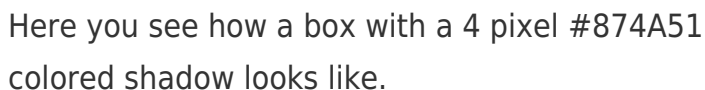
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#874A51 }
```

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

```
.border{ border-color:#874A51 }
```

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



Here you see how a box with a 4 pixel #874A51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #874A51; -webkit-box-shadow:4px 4px  
4px 4px #874A51; box-shadow:4px 4px 4px  
4px #874A51 }
```

Background

The CSS property to change the background color of an element to Hex 874A51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#874A51 }
```

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

```
.background{ background-color:#874A51 }
```

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