

# Converting Colors

Hex(824745)

Have a look what the booklet for  
Hex(824745) contains.

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**Color**

**Hex(824745)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	824745
RGB	130, 71, 69
RGB Percent	51%, 28%, 27%
CMY	0.4902, 0.7216, 0.7294
CMYK	0.00, 0.45, 0.47, 0.49
HSL	2°, 31%, 39%
HSV	2°, 47%, 51%
XYZ	12.5333, 9.6820, 6.8385
YIQ	88.4130, 35.8060, 11.8860

# Conversions

## Conversions Part 2

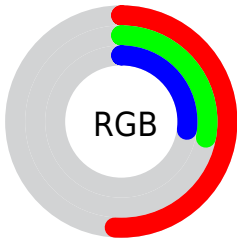
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 71, 69
Decimal	8537925
CIE <sub>Lab</sub>	37.27, 24.90, 12.34
CIE <sub>LCh</sub>	37, 27.791, 26.356
Yxy	9.6820, 0.4314, 0.3332
Android (android.graphics.Color)	4286728005 (0xFF824745)
YUV	88.4130, -9.5706, 36.4718
Hunter-Lab	31.1159, 17.4462, 8.7507

# Details

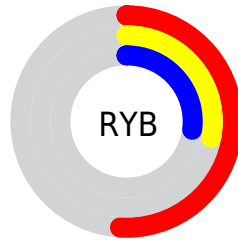
The Hex color **824745** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **458082**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **B97975**, and **4D191A** is the 20% darker color. If you saturate the color by 10%, you get **823A38**, and if you desaturate by 10%, it is **825452**.

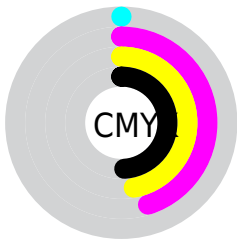
# Distribution



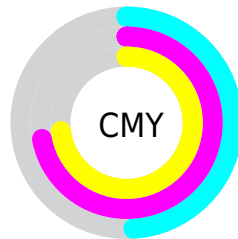
- Red (51%)
- Green (28%)
- Blue (27%)



- Red (51%)
- Yellow (28%)
- Blue (27%)



- Cyan (0%)
- Magenta (45%)
- Yellow (47%)
- Black (49%)



- Cyan (49%)
- Magenta (72%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 824745 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 824745 by changing the saturation by 10% instead.





824745



824745

FFFFFF



67302F



B97975



4D191A



D6938F



350200



F3ADA9



1A0001



FFC9C4



000000



FFE5E0

FFFFFFD



824745



824745



823A38



825452

822E2B

82605F

82211E

826D6C

821511

827979

820804

828686

820400

829293

829FA0

82ACAD

82B8BA

# Harmonies

## Analogous

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



80465B



824745



794D33

# Triad

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



824745



37613E



2D5B84

# Complementary

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



824745



458082

# 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.



00607C



824745



0E6354

# Square

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



824745



525C2E



00636B



565380

# Rectangle

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



824745



6E532C



00636B



1B5D83



# Sweetspot

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



824745



A89291



824581



544646



D4D4D4



545454



# Same Dimension

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



824745



A84D4A



826545



403A39



800400



000000



# Inverse Universe

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



458082



4AA5A8



456282



394040



007B80

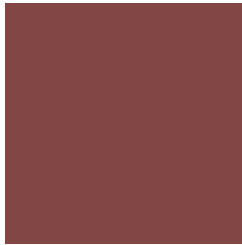


000000



# Previews

## White Background



This preview shows how the Hex color 824745 looks on a white background.

## Color Contrast Check

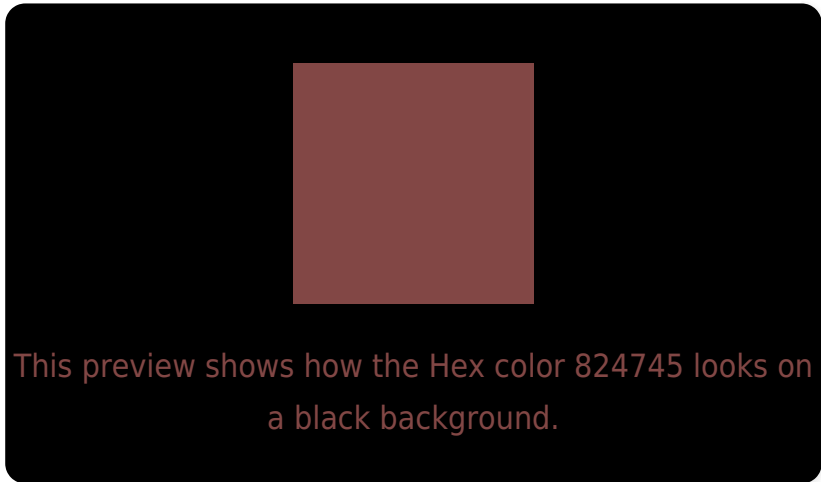
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

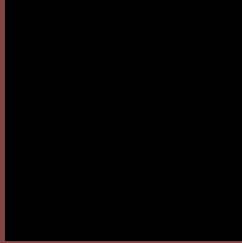
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 824745 Background



This preview shows how black text looks on a background with the Hex color 824745.



This preview shows how white text looks on a background with the Hex color 824745.

# 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**  
824745

**Protanopia**  
5C584D

**Deuteranopia**  
685543



**Tritanopia**  
82464B

# Trichromacy



**Original Color**  
824745

**Protanomaly**  
6A524A

**Deuteranomaly**  
715044

**Tritanomaly**  
824649

# Monochromacy



**Original Color**  
824745

**Achromatopsia**  
585858

**Achromatomaly**  
675251

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 824745 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 #824745 looks like.

```
.text, #text, p{  
    color:#824745  
}
```

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 #824745 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #824745
}
```

## Border

The CSS property to change the border of an element to Hex 824745 is called "border". The border property can be set on classes, ids or directly on the HTML element.

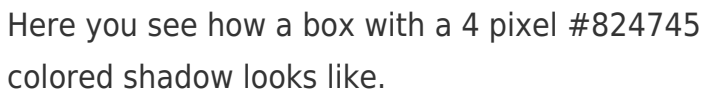
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#824745 }
```

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

```
.border{ border-color:#824745 }
```

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



Here you see how a box with a 4 pixel #824745 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #824745; -webkit-box-shadow:4px 4px  
4px 4px #824745; box-shadow:4px 4px 4px  
4px #824745 }
```

# Background

The CSS property to change the background color of an element to Hex 824745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#824745 }
```

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

```
.background{ background-color:#824745 }
```

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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