

# Converting Colors

Hex(825D49)

Have a look what the booklet for  
Hex(825D49) contains.

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**Color**

**Hex(825D49)**

# Conversions

## Conversions Part 1

Format	Color
Hex	825D49
RGB	130, 93, 73
RGB Percent	51%, 36%, 29%
CMY	0.4902, 0.6353, 0.7137
CMYK	0.00, 0.28, 0.44, 0.49
HSL	21°, 28%, 40%
HSV	21°, 44%, 51%
XYZ	14.3229, 13.0556, 8.0684
YIQ	101.7830, 28.4720, 1.6240

# Conversions

## Conversions Part 2

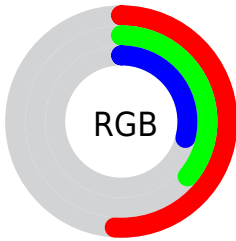
Format	Color
<b>RYB</b>	130, 104, 73
Decimal	8543561
CIELab	42.85, 12.42, 17.45
CIElCh	43, 21.424, 54.561
Yxy	13.0556, 0.4041, 0.3683
Android (android.graphics.Color)	4286733641 (0xFF825D49)
YUV	101.7830, -14.1900, 24.7463
Hunter-Lab	36.1325, 7.5253, 12.0532

# Details

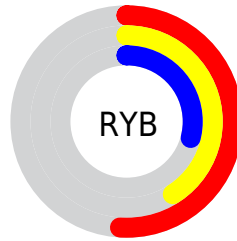
The Hex color **825D49** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **496E82**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **B88F7A**, and **4F2F1D** is the 20% darker color. If you saturate the color by 10%, you get **82553C**, and if you desaturate by 10%, it is **826556**.

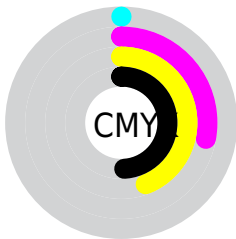
# Distribution



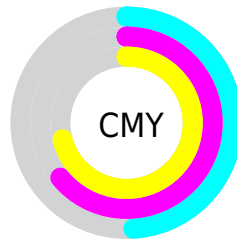
- Red (51%)
- Green (36%)
- Blue (29%)



- Red (51%)
- Yellow (41%)
- Blue (29%)



- Cyan (0%)
- Magenta (28%)
- Yellow (44%)
- Black (49%)



- Cyan (49%)
- Magenta (64%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 825D49 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 825D49 by changing the saturation by 10% instead.



 825D49

 825D49

FFFFFF

 684532

 B88F7A

 4F2F1D

 D5AA94

 371A05

 F1C5AE

 200000

 FFE1CA

 000000

 FFFEE6

 825D49

 825D49

 82553C

 826556

 824C2F

 826E63

■ 824422

■ 827670

■ 823B15

■ 827F7D

■ 823308

■ 82878A

■ 822E00

■ 829097

■ 8298A4

■ 82A1B1

■ 82A9BE

# Harmonies

## Analogous

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



885957



825D49



746342

# Triad

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



825D49



396F61



636285

# Complementary

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



825D49



496E82

# 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.



496888



825D49



2B6F73

# Square

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



825D49



4E6D50



316C81



795C7A

# Rectangle

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



825D49



696743



316C81



5B6487



# Sweetspot

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



825D49



A89A92



82496E



544B47



D4D4D4



545454



# Same Dimension

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



825D49



A86E4F



827949



403C39



802D00



000000



# Inverse Universe

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



496E82



4F89A8



495282



393E40



005380

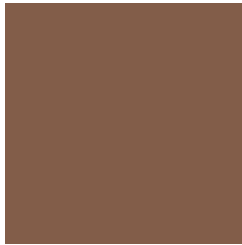


000000



# Previews

## White Background



This preview shows how the Hex color 825D49 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

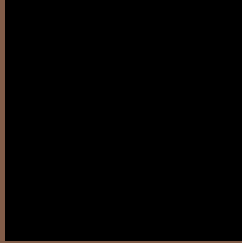
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 825D49 Background



This preview shows how black text looks on a background with the Hex color 825D49.



This preview shows how white text looks on a background with the Hex color 825D49.

# 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**  
825D49

**Protanopia**  
6D654D

**Deuteranopia**  
796148



**Tritanopia**  
845A61

# Trichromacy



**Original Color**  
825D49

**Protanomaly**  
75624C

**Deuteranomaly**  
7C6048

**Tritanomaly**  
835B58

# Monochromacy



**Original Color**  
825D49

**Achromatopsia**  
666666

**Achromatomaly**  
70635B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 825D49 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 #825D49 looks like.

```
.text, #text, p{  
    color:#825D49  
}
```

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 #825D49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #825D49
}
```

## Border

The CSS property to change the border of an element to Hex 825D49 is called "border". The border property can be set on classes, ids or directly on the HTML element.

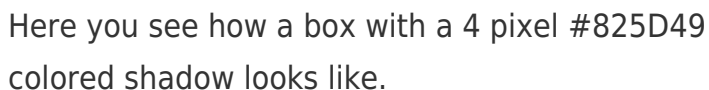
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#825D49 }
```

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

```
.border{ border-color:#825D49 }
```

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



Here you see how a box with a 4 pixel #825D49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #825D49; -webkit-box-shadow:4px 4px  
4px 4px #825D49; box-shadow:4px 4px 4px  
4px #825D49 }
```

# Background

The CSS property to change the background color of an element to Hex 825D49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#825D49 }
```

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

```
.background{ background-color:#825D49 }
```

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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