

# Converting Colors

Hex(825044)

Have a look what the booklet for  
Hex(825044) contains.

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**Color**

**Hex(825044)**

# Conversions

## Conversions Part 1

Format	Color
Hex	825044
RGB	130, 80, 68
RGB Percent	51%, 31%, 27%
CMY	0.4902, 0.6863, 0.7333
CMYK	0.00, 0.38, 0.48, 0.49
HSL	12°, 31%, 39%
HSV	12°, 48%, 51%
XYZ	13.1180, 10.9005, 6.8815
YIQ	93.5820, 33.6520, 6.8680

# Conversions

## Conversions Part 2

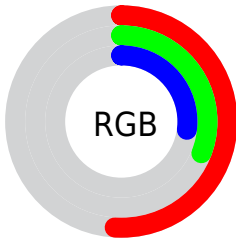
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 83, 68
Decimal	8540228
CIE <sub>Lab</sub>	39.41, 19.55, 15.87
CIE <sub>LCh</sub>	39, 25.179, 39.080
Yxy	10.9005, 0.4245, 0.3528
Android (android.graphics.Color)	4286730308 (0xFF825044)
YUV	93.5820, -12.6119, 31.9386
Hunter-Lab	33.0159, 13.1443, 10.7534

# Details

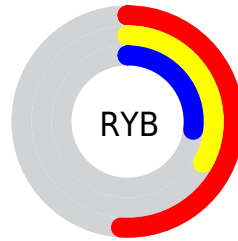
The Hex color **825044** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **447682**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **B98274**, and **4E2219** is the 20% darker color. If you saturate the color by 10%, you get **824637**, and if you desaturate by 10%, it is **825A51**.

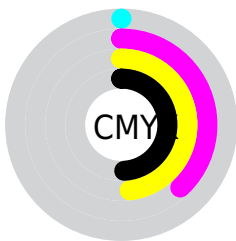
# Distribution



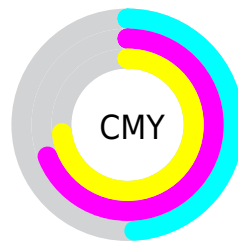
- Red (51%)
- Green (31%)
- Blue (27%)



- Red (51%)
- Yellow (33%)
- Blue (27%)



- Cyan (0%)
- Magenta (38%)
- Yellow (48%)
- Black (49%)



- Cyan (49%)
- Magenta (69%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 825044 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 825044 by changing the saturation by 10% instead.



 825044

 825044

FFFFFF

 68392E

 B98274

 4E2219

 D59C8E

 360D00

 F2B7A8

 1F0001

 FFD3C3

 000000

 FFEFDF

FFFFFFC

 825044

 825044

 824637

 825A51

■ 823B2A

■ 82655E

■ 82311D

■ 826F6B

■ 822610

■ 827A78

■ 821C03

■ 828485

■ 821900

■ 828F92

■ 82999F

■ 82A4AC

■ 82AEB9

# Harmonies

## Analogous

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



844D57



825044



765737

# Triad

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



825044



34674E



495D85

# Complementary

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



825044



447682

# 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.



236383



825044



146863

# Square

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



825044



4E633C



006776



67557D

# Rectangle

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



825044



6B5B33



006776



3D5F86



# Sweetspot

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



825044



A89591



824477



544946



D4D4D4



545454



# Same Dimension

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



825044



A85B48



826E44



403B39



801900



000000



# Inverse Universe

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



447682



4896A8



445882



393F40



006780



000000



# Previews

## White Background



This preview shows how the Hex color 825044 looks on a white background.

## Color Contrast Check

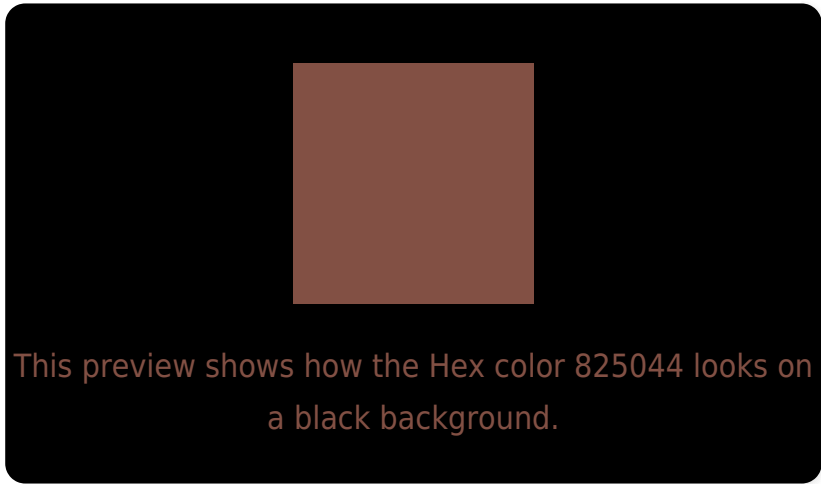
Large Text (above 18pt) WCAG AA ✓ Pass

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 825044 Background



This preview shows how black text looks on a background with the Hex color 825044.



This preview shows how white text looks on a background with the Hex color 825044.

# 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**


825044

**Protanopia**

635D4A

**Deuteranopia**

6F5942



**Tritanopia**  
834E54

# Trichromacy



**Original Color**  
825044

**Protanomaly**  
6E5848

**Deuteranomaly**  
765643

**Tritanomaly**  
834F4E

# Monochromacy



**Original Color**  
825044

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
6B5955

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 825044 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 #825044 looks like.

```
.text, #text, p{  
    color:#825044  
}
```

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 #825044 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #825044
}
```

## Border

The CSS property to change the border of an element to Hex 825044 is called "border". The border property can be set on classes, ids or directly on the HTML element.

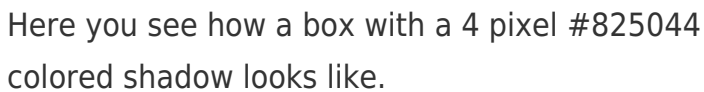
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#825044 }
```

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

```
.border{ border-color:#825044 }
```

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



Here you see how a box with a 4 pixel #825044 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #825044; -webkit-box-shadow:4px 4px  
4px 4px #825044; box-shadow:4px 4px 4px  
4px #825044 }
```

# Background

The CSS property to change the background color of an element to Hex 825044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#825044 }
```

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

```
.background{ background-color:#825044 }
```

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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