

# Converting Colors

Hex(875D44)

Have a look what the booklet for  
Hex(875D44) contains.

<b>Hex(875D44)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(875D44)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	875D44
RGB	135, 93, 68
RGB Percent	53%, 36%, 27%
CMY	0.4706, 0.6353, 0.7333
CMYK	0.00, 0.31, 0.50, 0.47
HSL	22°, 33%, 40%
HSV	22°, 50%, 53%
XYZ	14.9494, 13.3970, 7.2668
YIQ	102.7080, 33.0570, 1.1290

# Conversions

## Conversions Part 2

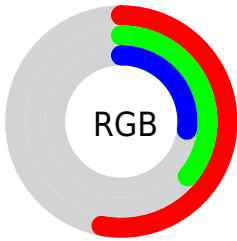
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 108, 68
Decimal	8871236
CIE <sub>Lab</sub>	43.36, 14.06, 21.21
CIE <sub>LCh</sub>	43, 25.445, 56.470
Yxy	13.3970, 0.4198, 0.3762
Android (android.graphics.Color)	4287061316 (0xFF875D44)
YUV	102.7080, -17.1110, 28.3201
Hunter-Lab	36.6018, 8.8521, 13.8501

# Details

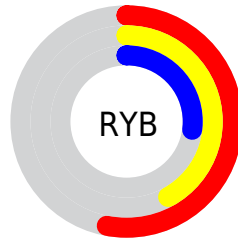
The Hex color **875D44** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **446E87**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **BE8F74**, and **532F18** is the 20% darker color. If you saturate the color by 10%, you get **875537**, and if you desaturate by 10%, it is **876552**.

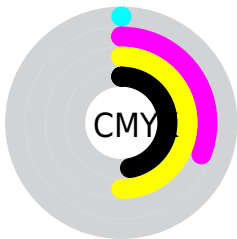
# Distribution



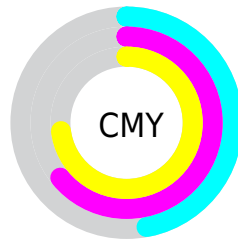
- Red (53%)
- Green (36%)
- Blue (27%)



- Red (53%)
- Yellow (42%)
- Blue (27%)



- Cyan (0%)
- Magenta (31%)
- Yellow (50%)
- Black (47%)



- Cyan (47%)
- Magenta (64%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 875D44 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 875D44 by changing the saturation by 10% instead.





875D44



875D44

FFFFFF



6C452D



BE8F74



532F18



DBAA8E



3A1900



F8C5A9



230100



FFE1C4



000000



FFFEE0

FFFFFFD



875D44



875D44



875537



876552

■ 874C29

■ 876E5F

■ 87441C

■ 87766D

■ 873B0E

■ 877F7A

■ 873301

■ 878788

■ 873200

■ 879095

■ 8798A3

■ 87A1B0

■ 87A9BE

# Harmonies

## Analogous

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



8F5755



875D44



77643C

# Triad

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



875D44



2D7263



65628C

# Complementary

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



875D44



446E87

# 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.



446990



875D44



137178

# Square

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



875D44



486F4E



206F89



7F5B7E

# Rectangle

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



875D44



69693D



206F89



5B648F



# Sweetspot

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



875D44



B09F96



87446E



594F49



D9D9D9



595959



# Same Dimension

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



875D44



B06E46



877E44



423E3C



823100



030100



# Inverse Universe

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



446E87



4689B0



444D87



3C4042



005282

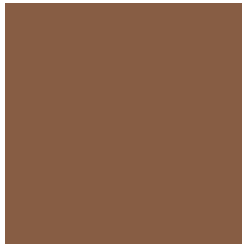


000203



# Previews

## White Background



This preview shows how the Hex color 875D44 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

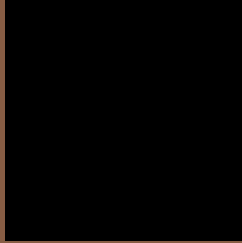
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 875D44 Background



This preview shows how black text looks on a background with the Hex color 875D44.



This preview shows how white text looks on a background with the Hex color 875D44.

# 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**  
875D44

**Protanopia**  
6F6748

**Deuteranopia**  
7C6243



**Tritanopia**  
895960

# Trichromacy



**Original Color**  
875D44

**Protanomaly**  
786347

**Deuteranomaly**  
806043

**Tritanomaly**  
885A56

# Monochromacy



**Original Color**  
875D44

**Achromatopsia**  
676767

**Achromatomaly**  
73635A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 875D44 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 #875D44 looks like.

```
.text, #text, p{  
    color:#875D44  
}
```

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 #875D44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #875D44  
}
```

## Border

The CSS property to change the border of an element to Hex 875D44 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  
#875D44 }
```

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

```
.border{ border-color:#875D44 }
```

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

Here you see how a box with a 4 pixel #875D44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #875D44; -webkit-box-shadow:4px 4px  
4px 4px #875D44; box-shadow:4px 4px 4px  
4px #875D44 }
```

# Background

The CSS property to change the background color of an element to Hex 875D44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#875D44 }
```

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

```
.background{ background-color:#875D44 }
```

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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