

Converting Colors

Hex(875A30)

Have a look what the booklet for
Hex(875A30) contains.

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Color

Hex(875A30)

Conversions

Conversions Part 1

Format	Color
Hex	875A30
RGB	135, 90, 48
RGB Percent	53%, 35%, 19%
CMY	0.4706, 0.6471, 0.8118
CMYK	0.00, 0.33, 0.64, 0.47
HSL	29°, 48%, 36%
HSV	29°, 64%, 53%
XYZ	14.1813, 12.6766, 4.4957
YIQ	98.6670, 40.3020, -3.5220

Conversions

Conversions Part 2

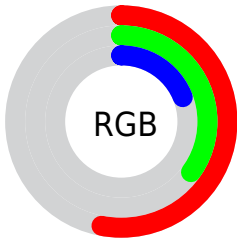
Format	Color
R_{YB}	135, 129, 48
Decimal	8870448
CIE _{Lab}	42.27, 14.02, 31.34
CIE _{LCh}	42, 34.336, 65.898
Yxy	12.6766, 0.4523, 0.4043
Android (android.graphics.Color)	4287060528 (0xFF875A30)
YUV	98.6670, -24.9788, 31.8640
Hunter-Lab	35.6042, 8.7899, 17.4365

Details

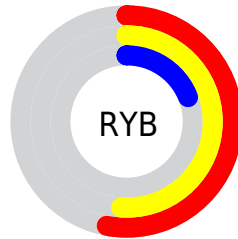
The Hex color **875A30** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **305D87**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **BF8C60**, and **522C01** is the 20% darker color. If you saturate the color by 10%, you get **875323**, and if you desaturate by 10%, it is **87613E**.

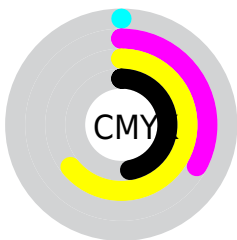
Distribution



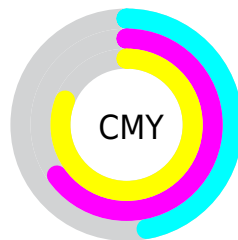
- Red (53%)
- Green (35%)
- Blue (19%)



- Red (53%)
- Yellow (51%)
- Blue (19%)



- Cyan (0%)
- Magenta (33%)
- Yellow (64%)
- Black (47%)



- Cyan (47%)
- Magenta (65%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 875A30 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 875A30 by changing the saturation by 10% instead.

 875A30

 875A30

FFFFFF

 6C421A

 BF8C60

 522C01

 DCA779

 381700

 F9C293

 210000

 FFDEAD

 000000

 FFFAC9

 FFFFEE

 875A30

 875A30

 875323

 87613E

■ 874C15

■ 87684B

■ 874508

■ 876F59

■ 874100

■ 877666

■ 877D74

■ 878481

■ 878B8F

■ 87929C

■ 8799AA

Harmonies

Analogous

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



965044



875A30



6F6429

Triad

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



875A30



007269



6D5A92

Complementary

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



875A30



305D87

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.



3D659C



875A30



007184

Square

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



875A30



2A704C



006D97



8B507B

Rectangle

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



875A30



5C692F



006D97



605E97

Sweetspot

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



875A30



B09F8F



87305E



594F45



D9D9D9



595959

Same Dimension

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



875A30



B06A28



878430



423F3C



823F00



030100

Inverse Universe

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



305D87



286FB0



303387



3C3F42



004382



000103

Previews

White Background



This preview shows how the Hex color 875A30 looks on a white background.

Color Contrast Check

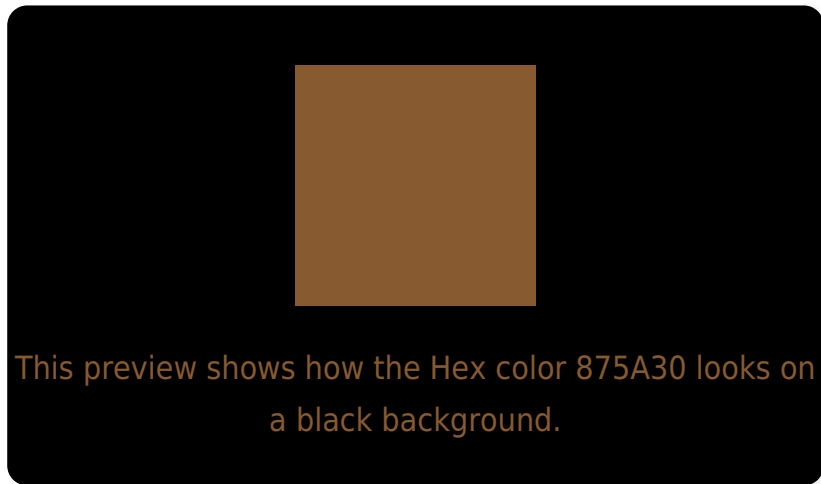
Large Text (above 18pt) WCAG AA ✓ Pass

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 875A30 Background



This preview shows how black text looks on a background with the Hex color 875A30.



This preview shows how white text looks on a background with the Hex color 875A30.

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
875A30

Protanopia
6F6433

Deuteranopia
7C5F2F



Tritanopia
8A555B

Trichromacy



Original Color
875A30

Protanomaly
786032

Deuteranomaly
805D2F

Tritanomaly
89574B

Monochromacy



Original Color
875A30

Achromatopsia
636363

Achromatomaly
706050

CSS Examples

Text

The CSS property to change the color of the text to Hex 875A30 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 #875A30 looks like.

```
.text, #text, p{  
    color:#875A30  
}
```

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 #875A30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #875A30
}
```

Border

The CSS property to change the border of an element to Hex 875A30 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
#875A30 }
```

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

```
.border{ border-color:#875A30 }
```

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

Here you see how a box with a 4 pixel #875A30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #875A30; -webkit-box-shadow:4px 4px  
4px 4px #875A30; box-shadow:4px 4px 4px  
4px #875A30 }
```

Background

The CSS property to change the background color of an element to Hex 875A30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#875A30 }
```

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

```
.background{ background-color:#875A30 }
```

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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