

Converting Colors

Hex(874D00)

Have a look what the booklet for
Hex(874D00) contains.

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Color

Hex(874D00)

Conversions

Conversions Part 1

Format	Color
Hex	874D00
RGB	135, 77, 0
RGB Percent	53%, 30%, 0%
CMY	0.4706, 0.6980, 1.0000
CMYK	0.00, 0.43, 1.00, 0.47
HSL	34°, 100%, 26%
HSV	34°, 100%, 53%
XYZ	12.6456, 10.4587, 1.3522
YIQ	85.5640, 59.2850, -11.6510

Conversions

Conversions Part 2

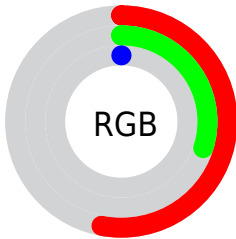
Format	Color
RYB	102, 135, 0
Decimal	8867072
CIELab	38.65, 19.68, 47.91
CIElCh	39, 51.798, 67.673
Yxy	10.4587, 0.5171, 0.4276
Android (android.graphics.Color)	4287057152 (0xFF874D00)
YUV	85.5640, -42.1831, 43.3554
Hunter-Lab	32.3398, 13.2025, 20.1588

Details

The Hex color **874D00** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **003A87**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **C17E37**, and **4F2000** is the 20% darker color. If you saturate the color by 10%, you get **874D00**, and if you desaturate by 10%, it is **87530D**.

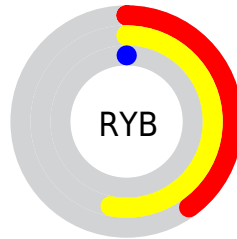
Distribution



Red (53%)

Green (30%)

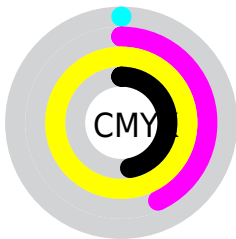
Blue (0%)



Red (40%)

Yellow (53%)

Blue (0%)

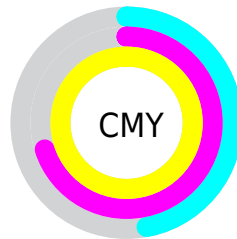


Cyan (0%)

Magenta (43%)

Yellow (100%)

Black (47%)



Cyan (47%)

Magenta (70%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 874D00 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 874D00 by changing the saturation by 10% instead.

 874D00

 874D00

 FFFFF3

 6B3600

 C17E37

 4F2000

 DF9850

 340B00

 FEB36A

 1B0001

 FFCF84

 000000

 FFEB9E

 FFFFBA

 FFFF66

 874D00

 87530D

 87591B

 875E29

 876436

 876A44

 877051

 87765E

 877B6C

 87817A

Harmonies

Analogous

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



9E3A2A



874D00



645D00

Triad

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



874D00



006E65



694B9E

Complementary

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



874D00



003A87

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.



005DAF



874D00



006D8E

Square

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



874D00



006C39



0068A9



95367C

Rectangle

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



874D00



486400



0068A9



5251A6

Sweetspot

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



874D00



B0997B



87003B



594B39



D9D9D9



595959

Same Dimension

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



874D00



B06400



7E8700



423F3C



824A00



030100

Inverse Universe

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



003A87



004CB0



090087



3C3F42



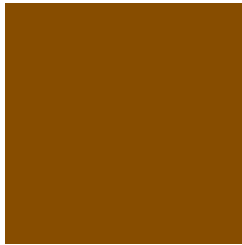
003882



000103

Previews

White Background



This preview shows how the Hex color 874D00 looks on a white background.

Color Contrast Check

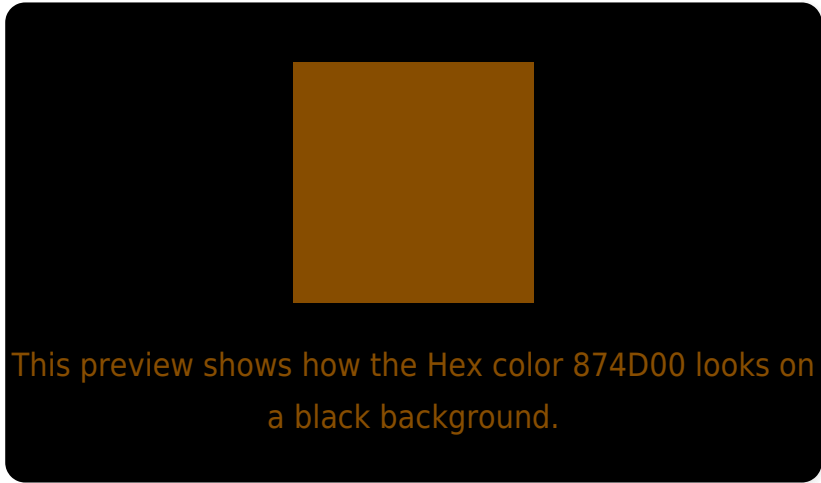
Large Text (above 18pt) WCAG AA ✓ Pass

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 874D00 Background



This preview shows how black text looks on a background with the Hex color 874D00.

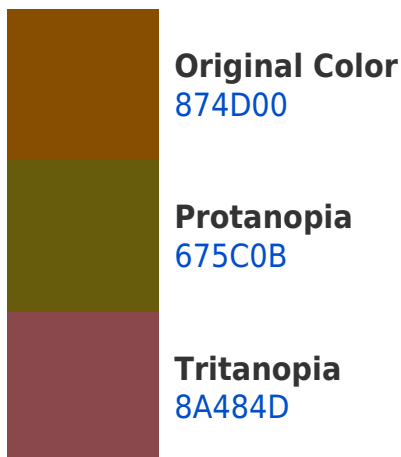


This preview shows how white text looks on a background with the Hex color 874D00.

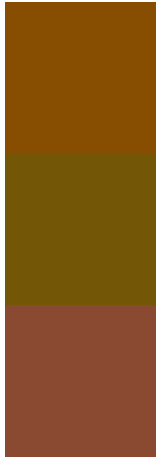
Color Blindness Simulation

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



Trichromacy



Original Color
874D00

Protanomaly
735707

Tritanomaly
894A31

Monochromacy



Original Color
874D00

Achromatopsia
565656

Achromatomaly
685337

CSS Examples

Text

The CSS property to change the color of the text to Hex 874D00 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 #874D00 looks like.

```
.text, #text, p{  
    color:#874D00  
}
```

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 #874D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #874D00
}
```

Border

The CSS property to change the border of an element to Hex 874D00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

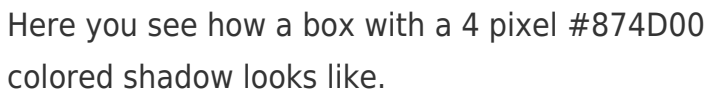
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#874D00 }
```

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

```
.border{ border-color:#874D00 }
```

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



Here you see how a box with a 4 pixel #874D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #874D00; -webkit-box-shadow:4px 4px  
4px 4px #874D00; box-shadow:4px 4px 4px  
4px #874D00 }
```

Background

The CSS property to change the background color of an element to Hex 874D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#874D00 }
```

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

```
.background{ background-color:#874D00 }
```

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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