

Converting Colors

Hex(876F4D)

Have a look what the booklet for
Hex(876F4D) contains.

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Color

Hex(876F4D)

Conversions

Conversions Part 1

Format	Color
Hex	876F4D
RGB	135, 111, 77
RGB Percent	53%, 44%, 30%
CMY	0.4706, 0.5647, 0.6980
CMYK	0.00, 0.18, 0.43, 0.47
HSL	35°, 27%, 42%
HSV	35°, 43%, 53%
XYZ	17.0157, 17.0556, 9.4164
YIQ	114.3000, 25.2180, -5.4860

Conversions

Conversions Part 2

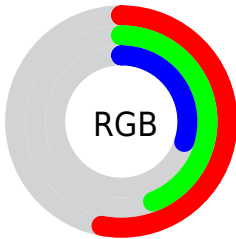
Format	Color
RYB	118, 135, 77
Decimal	8875853
CIELab	48.33, 4.51, 22.47
CIELCh	48, 22.918, 78.638
Yxy	17.0556, 0.3913, 0.3922
Android (android.graphics.Color)	4287065933 (0xFF876F4D)
YUV	114.3000, -18.3889, 18.1539
Hunter-Lab	41.2984, 1.2729, 15.3902

Details

The Hex color **876F4D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4D6587**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **BDA37E**, and **543F20** is the 20% darker color. If you saturate the color by 10%, you get **87693F**, and if you desaturate by 10%, it is **87755A**.

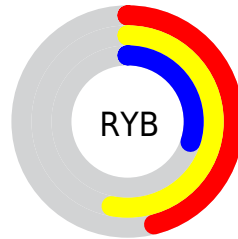
Distribution



Red (53%)

Green (44%)

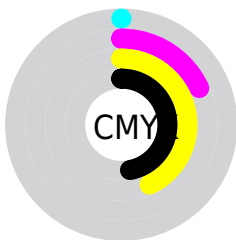
Blue (30%)



Red (46%)

Yellow (53%)

Blue (30%)

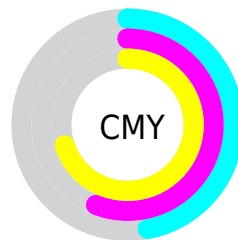


Cyan (0%)

Magenta (18%)

Yellow (43%)

Black (47%)



Cyan (47%)

Magenta (56%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 876F4D 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 876F4D by changing the saturation by 10% instead.

 876F4D

 876F4D

FFFFFF

 6D5736

 BDA37E

 543F20

 DABE98

 3B2A0A

 F7D9B3

 241500

 FFF6CF

 000000

 FFFFEB

 876F4D

 876F4D

 87693F

 87755A

 876432

 877A68

■ 875E25

■ 878076

■ 875917

■ 878583

■ 87530A

■ 878B91

■ 874F00

■ 87919E

■ 8796AC

■ 879CB9

■ 87A1C7

Harmonies

Analogous

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



946957



876F4D



74754E

Triad

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



876F4D



367D7E



846A8C

Complementary

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



876F4D



4D6587

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.



6B7097



876F4D



387B8F

Square

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



876F4D



477D6A



4E7798



94657B

Rectangle

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



876F4D



657954



4E7798



7D6C91

Sweetspot

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



876F4D



B0A699



874D65



59534B



D9D9D9



595959

Same Dimension

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



876F4D



B08A54



82874D



42403C



824C00



030100

Inverse Universe

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



4D6587



547AB0



524D87



3C3E42



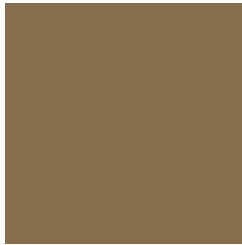
003682



000103

Previews

White Background



This preview shows how the Hex color 876F4D looks on a white background.

Color Contrast Check

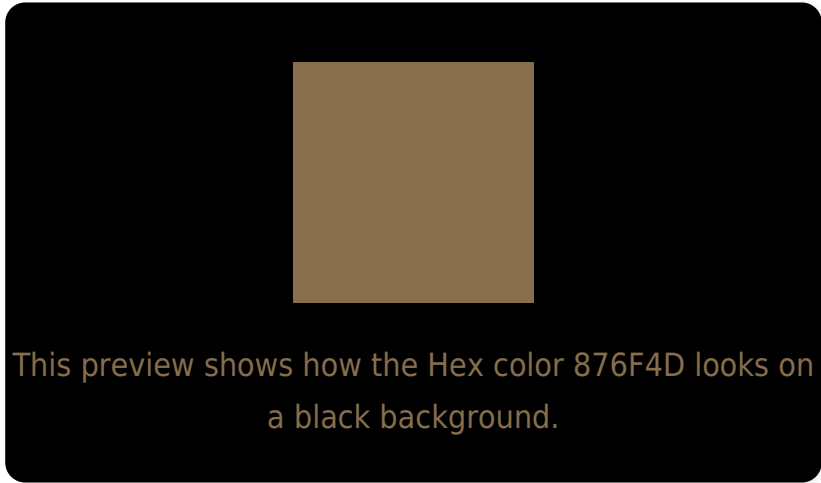
Large Text (above 18pt) WCAG AA ✓ Pass

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

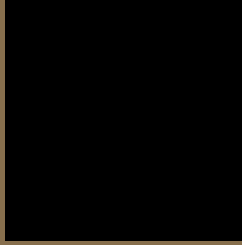
Any Text WCAG AA × Fail

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 876F4D Background



This preview shows how black text looks on a background with the Hex color 876F4D.



This preview shows how white text looks on a background with the Hex color 876F4D.

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
876F4D

Protanopia
7C734F

Deuteranopia
8A6E4D



Tritanopia
8B6A72

Trichromacy



Original Color
876F4D

Protanomaly
80724E

Deuteranomaly
896E4D

Tritanomaly
8A6C65

Monochromacy



Original Color
876F4D

Achromatopsia
727272

Achromatomaly
7A7165

CSS Examples

Text

The CSS property to change the color of the text to Hex 876F4D 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 #876F4D looks like.

```
.text, #text, p{  
    color:#876F4D  
}
```

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 #876F4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #876F4D
}
```

Border

The CSS property to change the border of an element to Hex 876F4D 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
#876F4D }
```

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

```
.border{ border-color:#876F4D }
```

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

Here you see how a box with a 4 pixel #876F4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #876F4D; -webkit-box-shadow:4px 4px  
4px 4px #876F4D; box-shadow:4px 4px 4px  
4px #876F4D }
```

Background

The CSS property to change the background color of an element to Hex 876F4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#876F4D }
```

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

```
.background{ background-color:#876F4D }
```

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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