

Converting Colors

Hex(87724F)

Have a look what the booklet for
Hex(87724F) contains.

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Color

Hex(87724F)

Conversions

Conversions Part 1

Format	Color
Hex	87724F
RGB	135, 114, 79
RGB Percent	53%, 45%, 31%
CMY	0.4706, 0.5529, 0.6902
CMYK	0.00, 0.16, 0.41, 0.47
HSL	38°, 26%, 42%
HSV	38°, 41%, 53%
XYZ	17.4203, 17.7500, 9.9051
YIQ	116.2890, 23.7510, -6.4330

Conversions

Conversions Part 2

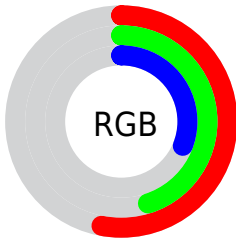
Format	Color
RYB	113, 135, 79
Decimal	8876623
CIELab	49.19, 3.02, 22.45
CIELCh	49, 22.652, 82.344
Yxy	17.7500, 0.3865, 0.3938
Android (android.graphics.Color)	4287066703 (0xFF87724F)
YUV	116.2890, -18.3835, 16.4095
Hunter-Lab	42.1308, 0.0774, 15.5523

Details

The Hex color **87724F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4F6487**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **BDA681**, and **544222** is the 20% darker color. If you saturate the color by 10%, you get **876D42**, and if you desaturate by 10%, it is **87775D**.

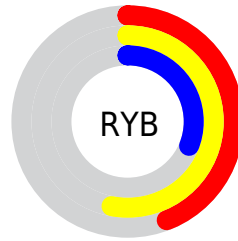
Distribution



Red (53%)

Green (45%)

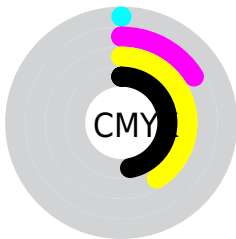
Blue (31%)



Red (44%)

Yellow (53%)

Blue (31%)

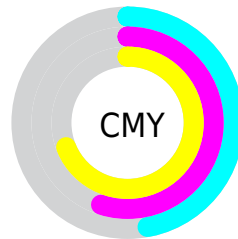


Cyan (0%)

Magenta (16%)

Yellow (41%)

Black (47%)



Cyan (47%)

Magenta (55%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87724F 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 87724F by changing the saturation by 10% instead.



87724F



87724F

FFFFFF



6D5A38



BDA681



544222



DAC19B



3C2C0C



F6DDB6



251800



FFF9D1



000000



FFFEE



87724F



87724F



876D42



87775D



876834



877C6A

 876327

 878178

 875E19

 878685

 87590B

 878B93

 875400

 8790A0

 8795AE

 879BBB

 87A0C9

Harmonies

Analogous

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



956C57



87724F



747851

Triad

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



87724F



387F83



896B8D

Complementary

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



87724F



4F6487

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.



717298



87724F



3D7D93

Square

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



87724F



487F6F



55789B



97677B

Rectangle

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



87724F



657B58



55789B



826D91

Sweetspot

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



87724F



B0A89B



874F64



59554D



D9D9D9



595959

Same Dimension

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



87724F



B08F58



80874F



42403C



825100



030200

Inverse Universe

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



4F6487



5879B0



564F87



3C3E42



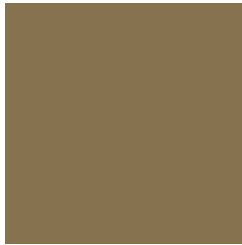
003182



000103

Previews

White Background



This preview shows how the Hex color 87724F looks on a white background.

Color Contrast Check

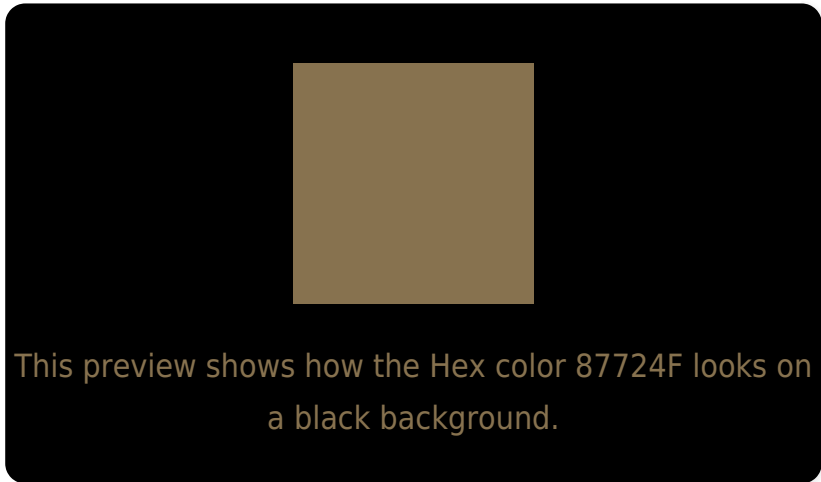
Large Text (above 18pt) WCAG AA ✓ Pass

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

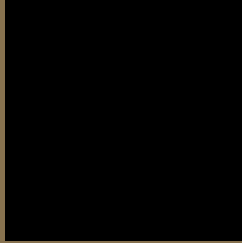
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 87724F Background



This preview shows how black text looks on a background with the Hex color 87724F.



This preview shows how white text looks on a background with the Hex color 87724F.

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
87724F

Protanopia
7F7550

Deuteranopia
8C704F



Tritanopia
8B6D76

Trichromacy



Original Color
87724F

Protanomaly
827450

Deuteranomaly
8A714F

Tritanomaly
8A6F68

Monochromacy



Original Color
87724F

Achromatopsia
747474

Achromatomaly
7B7367

CSS Examples

Text

The CSS property to change the color of the text to Hex 87724F 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 #87724F looks like.

```
.text, #text, p{  
    color:#87724F  
}
```

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 #87724F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87724F
}
```

Border

The CSS property to change the border of an element to Hex 87724F is called "border". The border property can be set on classes, ids or directly on the HTML element.

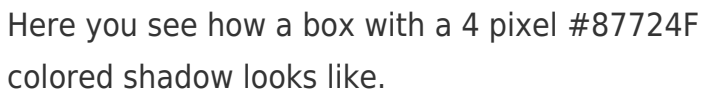
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87724F }
```

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

```
.border{ border-color:#87724F }
```

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



Here you see how a box with a 4 pixel #87724F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87724F; -webkit-box-shadow:4px 4px  
4px 4px #87724F; box-shadow:4px 4px 4px  
4px #87724F }
```

Background

The CSS property to change the background color of an element to Hex 87724F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87724F }
```

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

```
.background{ background-color:#87724F }
```

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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