

Converting Colors

Hex(81704F)

Have a look what the booklet for
Hex(81704F) contains.

Hex(81704F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(81704F)

Conversions

Conversions Part 1

Format	Color
Hex	81704F
RGB	129, 112, 79
RGB Percent	51%, 44%, 31%
CMY	0.4941, 0.5608, 0.6902
CMYK	0.00, 0.13, 0.39, 0.49
HSL	40°, 24%, 41%
HSV	40°, 39%, 51%
XYZ	16.2587, 16.8200, 9.7868
YIQ	113.3210, 20.7250, -6.6590

Conversions

Conversions Part 2

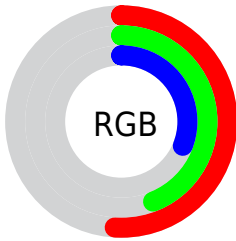
Format	Color
R_{YB}	105, 129, 79
Decimal	8482895
CIE _{Lab}	48.03, 1.56, 20.81
CIE _{LCh}	48, 20.869, 85.725
Yxy	16.8200, 0.3793, 0.3924
Android (android.graphics.Color)	4286672975 (0xFF81704F)
YUV	113.3210, -16.9203, 13.7505
Hunter-Lab	41.0122, -1.0074, 14.5601

Details

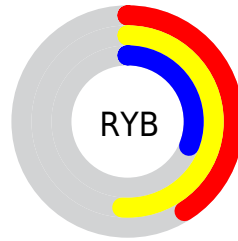
The Hex color **81704F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4F6081**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B7A480**, and **4F4022** is the 20% darker color. If you saturate the color by 10%, you get **816C42**, and if you desaturate by 10%, it is **81745C**.

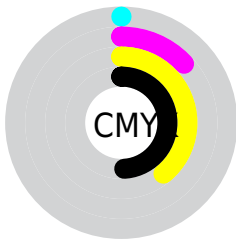
Distribution



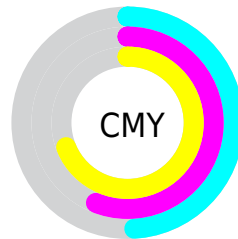
- Red (51%)
- Green (44%)
- Blue (31%)



- Red (41%)
- Yellow (51%)
- Blue (31%)



- Cyan (0%)
- Magenta (13%)
- Yellow (39%)
- Black (49%)



- Cyan (49%)
- Magenta (56%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81704F 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 81704F by changing the saturation by 10% instead.



81704F



81704F

FFFFFF



675838



B7A480



4F4022



D3BF9B



372B0C



EFDAB5



211600



FFF7D1



000000



FFFFED



81704F



81704F



816C42



81745C



816735



817969

■ 816328

■ 817D76

■ 815E1B

■ 818283

■ 815A0E

■ 818690

■ 815602

■ 818A9C

■ 815500

■ 818FA9

■ 8193B6

■ 8197C3

Harmonies

Analogous

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



8F6A56



81704F



6F7652

Triad

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



81704F



3C7B81



866986

Complementary

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



81704F



4F6081

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.



716E92



81704F



42798F

Square

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



81704F



477C6F



587495



936575

Rectangle

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



81704F



617859



587495



806A8B

Sweetspot

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



81704F



A8A194



814F60



545048



D4D4D4



545454

Same Dimension

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



81704F



A88D59



79814F



403E39



805400



000000

Inverse Universe

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



4F6081



5974A8



574F81



393C40



002B80



000000

Previews

White Background



This preview shows how the Hex color 81704F looks on a white background.

Color Contrast Check

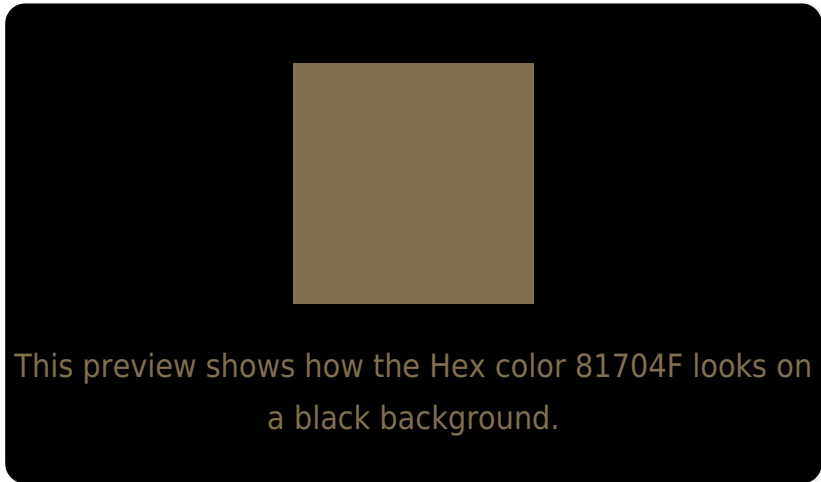
Large Text (above 18pt) WCAG AA ✓ Pass

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

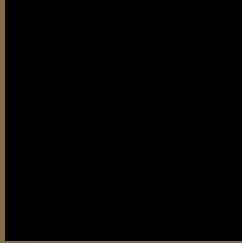
Any Text WCAG AA × Fail

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 81704F Background



This preview shows how black text looks on a background with the Hex color 81704F.



This preview shows how white text looks on a background with the Hex color 81704F.

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
81704F

Protanopia
7B7250

Deuteranopia
886D50



Tritanopia
856B74

Trichromacy



Original Color
81704F

Protanomaly
7D7150

Deuteranomaly
856E50

Tritanomaly
846D67

Monochromacy



Original Color
81704F

Achromatopsia
717171

Achromatomaly
777165

CSS Examples

Text

The CSS property to change the color of the text to Hex 81704F 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 #81704F looks like.

```
.text, #text, p{  
    color:#81704F  
}
```

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 #81704F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81704F
}
```

Border

The CSS property to change the border of an element to Hex 81704F is called "border". The border property can be set on classes, ids or directly on the HTML element.

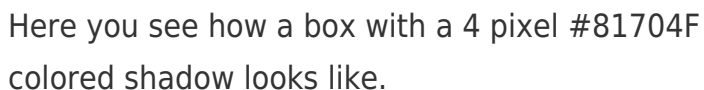
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81704F }
```

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

```
.border{ border-color:#81704F }
```

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



Here you see how a box with a 4 pixel #81704F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81704F; -webkit-box-shadow:4px 4px  
4px 4px #81704F; box-shadow:4px 4px 4px  
4px #81704F }
```

Background

The CSS property to change the background color of an element to Hex 81704F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81704F }
```

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

```
.background{ background-color:#81704F }
```

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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