

Converting Colors

Hex(7F7B4E)

Have a look what the booklet for
Hex(7F7B4E) contains.

Hex(7F7B4E)	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(7F7B4E)

Conversions

Conversions Part 1

Format	Color
Hex	7F7B4E
RGB	127, 123, 78
RGB Percent	50%, 48%, 31%
CMY	0.5020, 0.5176, 0.6941
CMYK	0.00, 0.03, 0.39, 0.50
HSL	55°, 24%, 40%
HSV	55°, 39%, 50%
XYZ	17.2105, 19.2280, 10.0120
YIQ	119.0660, 16.8290, -13.1470

Conversions

Conversions Part 2

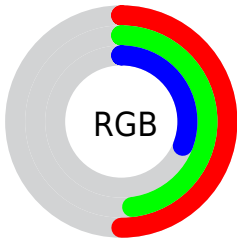
Format	Color
R_{YB}	82, 127, 78
Decimal	8354638
CIE _{Lab}	50.95, -5.72, 25.16
CIE _{LCh}	51, 25.806, 102.804
Yxy	19.2280, 0.3705, 0.4139
Android (android.graphics.Color)	4286544718 (0xFF7F7B4E)
YUV	119.0660, -20.2455, 6.9581
Hunter-Lab	43.8497, -6.6779, 17.1574

Details

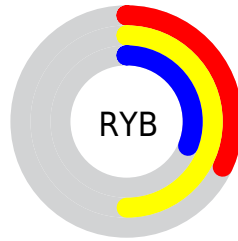
The Hex color **7F7B4E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4E527F**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **B5AF80**, and **4D4A20** is the 20% darker color. If you saturate the color by 10%, you get **7F7A41**, and if you desaturate by 10%, it is **7F7C5B**.

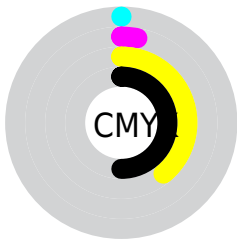
Distribution



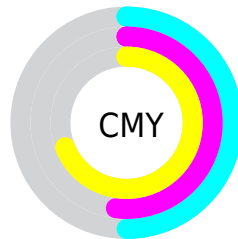
- Red (50%)
- Green (48%)
- Blue (31%)



- Red (32%)
- Yellow (50%)
- Blue (31%)



- Cyan (0%)
- Magenta (3%)
- Yellow (39%)
- Black (50%)



- Cyan (50%)
- Magenta (52%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F7B4E 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 7F7B4E by changing the saturation by 10% instead.

 7F7B4E

 7F7B4E

FFFFFF

 656237

 B5AF80

 4D4A20

 D0CB9A

 35340A

 EDE7B5

 1F1F00

 FFFFD0

 000700

 FFFFED

 000000

 7F7B4E

 7F7B4E

 7F7A41

 7F7C5B

 7F7935

 7F7D67

 7F7828

 7F7E74

 7F771B

 7F7F81

 7F760F

 7F808E

 7F7502

 7F819A

 7F7500

 7F82A7

 7F83B4

 7F84C0

Harmonies

Analogous

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



947450



7F7B4E



668158

Triad

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



7F7B4E



2F8497



9D6A87

Complementary

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



7F7B4E



4E527F

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.



88709A



7F7B4E



487FA3

Square

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



7F7B4E



348582



6A78A4



A56971

Rectangle

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



7F7B4E



558465



6A78A4



976C8E

Sweetspot

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



7F7B4E



A6A492



7F4E52



545348



D4D4D4



545454

Same Dimension

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



7F7B4E



A6A05A



6B7F4E



403F39



807500



000000

Inverse Universe

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



4E527F



5A60A6



624E7F



393A40



000A80



000000

Previews

White Background



This preview shows how the Hex color 7F7B4E looks on a white background.

Color Contrast Check

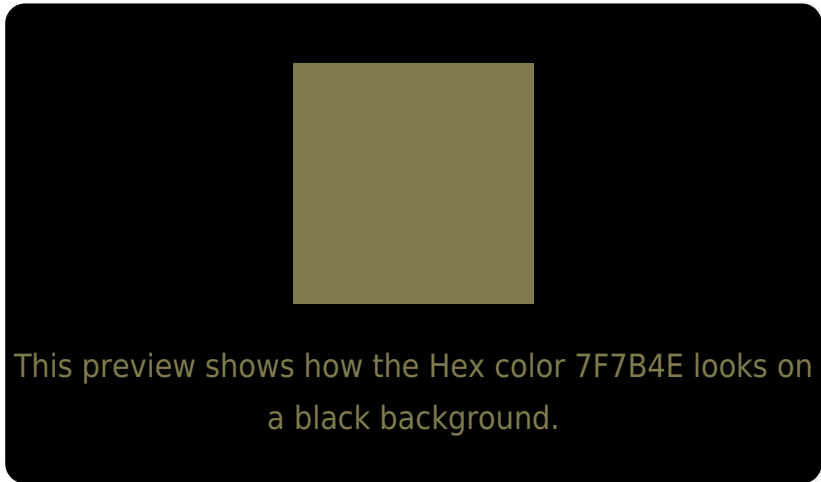
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

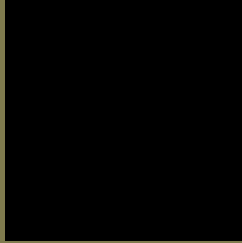
Any Text WCAG AA ✓ Pass

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 7F7B4E Background



This preview shows how black text looks on a background with the Hex color 7F7B4E.



This preview shows how white text looks on a background with the Hex color 7F7B4E.

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
7F7B4E

Protanopia
84794D

Deuteranopia
927450



Tritanopia
84757E

Trichromacy



Original Color
7F7B4E

Protanomaly
827A4D

Deuteranomaly
8B774F

Tritanomaly
82776D

Monochromacy



Original Color
7F7B4E

Achromatopsia
777777

Achromatomaly
7A7868

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F7B4E 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 #7F7B4E looks like.

```
.text, #text, p{  
    color:#7F7B4E  
}
```

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 #7F7B4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F7B4E
}
```

Border

The CSS property to change the border of an element to Hex 7F7B4E 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
#7F7B4E }
```

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

```
.border{ border-color:#7F7B4E }
```

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

Here you see how a box with a 4 pixel #7F7B4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F7B4E; -webkit-box-shadow:4px 4px  
4px 4px #7F7B4E; box-shadow:4px 4px 4px  
4px #7F7B4E }
```

Background

The CSS property to change the background color of an element to Hex 7F7B4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F7B4E }
```

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

```
.background{ background-color:#7F7B4E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor