

Converting Colors

Hex(7B7F47)

Have a look what the booklet for
Hex(7B7F47) contains.

Hex(7B7F47)	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(7B7F47)

Conversions

Conversions Part 1

Format	Color
Hex	7B7F47
RGB	123, 127, 71
RGB Percent	48%, 50%, 28%
CMY	0.5176, 0.5020, 0.7216
CMYK	0.03, 0.00, 0.44, 0.50
HSL	64°, 28%, 39%
HSV	64°, 44%, 50%
XYZ	16.8951, 19.8446, 8.9012
YIQ	119.4200, 15.5920, -18.2640

Conversions

Conversions Part 2

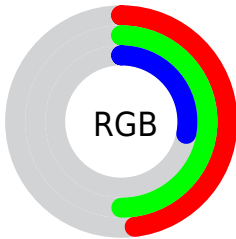
Format	Color
R_{YB}	71, 127, 75
Decimal	8093511
CIE _{Lab}	51.66, -10.51, 29.86
CIE _{LCh}	52, 31.652, 109.394
Yxy	19.8446, 0.3702, 0.4348
Android (android.graphics.Color)	4286283591 (0xFF7B7F47)
YUV	119.4200, -23.8711, 3.1397
Hunter-Lab	44.5473, -10.2596, 19.3362

Details

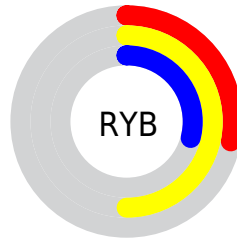
The Hex color **7B7F47** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4B477F**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **B1B479**, and **494E19** is the 20% darker color. If you saturate the color by 10%, you get **7A7F3A**, and if you desaturate by 10%, it is **7C7F54**.

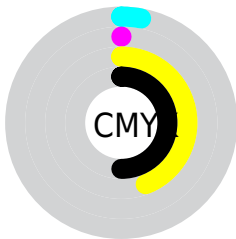
Distribution



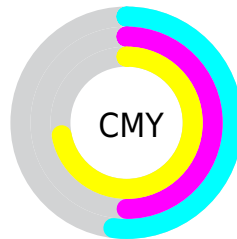
- Red (48%)
- Green (50%)
- Blue (28%)



- Red (28%)
- Yellow (50%)
- Blue (29%)



- Cyan (3%)
- Magenta (0%)
- Yellow (44%)
- Black (50%)



- Cyan (52%)
- Magenta (50%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B7F47 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 7B7F47 by changing the saturation by 10% instead.



7B7F47



7B7F47

FFFFFF



616630



B1B479



494E19



CCCF93



313700



E9EBAD



1B2200



FFFFC9



000B00



FFFFE5



000000



7B7F47



7B7F47



7A7F3A



7C7F54



797F2E



7D7F60

 787F21

 7E7F6D

 777F14


 7F7F7A

 767F07

 807F86

 767F00

 807F93

 817FA0

 827FAD

 837FB9

Harmonies

Analogous

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



957646



7B7F47



5C8557

Triad

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



7B7F47



0087A3



A96786

Complementary

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



7B7F47



4B477F

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.



946E9F



7B7F47



4081B0

Square

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



7B7F47



00898C



7078AE



B0666B

Rectangle

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



7B7F47



448867



7078AE



A4688F

Sweetspot

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



7B7F47



A4A690



7F4B47



535447



D4D4D4



545454

Same Dimension

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



7B7F47



9FA64E



5F7F47



3F4039



768000



000000

Inverse Universe

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



4B477F



544EA6



67477F



3A3940



090080



000000

Previews

White Background



This preview shows how the Hex color 7B7F47 looks on a white background.

Color Contrast Check

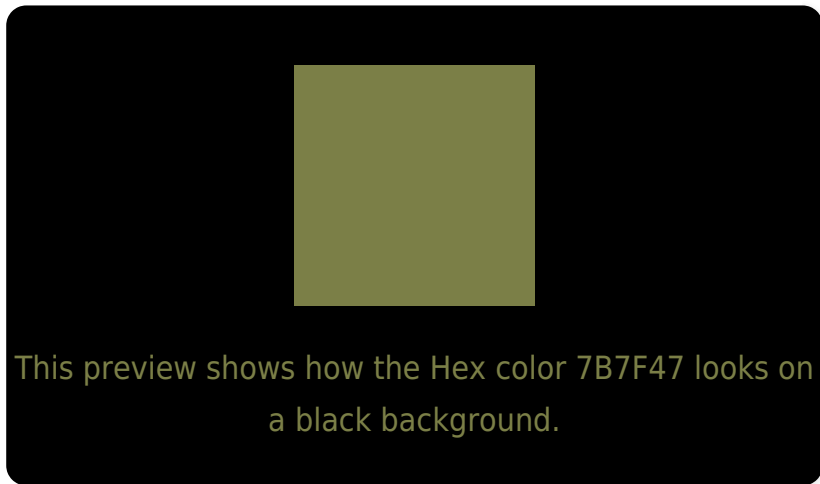
Large Text (above 18pt) WCAG AA ✓ Pass

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

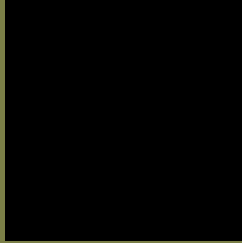
Any Text WCAG AA ✓ Pass

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 7B7F47 Background



This preview shows how black text looks on a background with the Hex color 7B7F47.



This preview shows how white text looks on a background with the Hex color 7B7F47.

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
7B7F47

Protanopia
877B46

Deuteranopia
957549



Tritanopia
827882

Trichromacy



Original Color
7B7F47

Protanomaly
837C46

Deuteranomaly
8C7948

Tritanomaly
7F7B6D

Monochromacy



Original Color
7B7F47

Achromatopsia
777777

Achromatomaly
787A66

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B7F47 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 #7B7F47 looks like.

```
.text, #text, p{  
    color:#7B7F47  
}
```

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 #7B7F47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7F47
}
```

Border

The CSS property to change the border of an element to Hex 7B7F47 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
#7B7F47 }
```

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

```
.border{ border-color:#7B7F47 }
```

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

Here you see how a box with a 4 pixel #7B7F47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7F47; -webkit-box-shadow:4px 4px  
4px 4px #7B7F47; box-shadow:4px 4px 4px  
4px #7B7F47 }
```

Background

The CSS property to change the background color of an element to Hex 7B7F47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7F47 }
```

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

```
.background{ background-color:#7B7F47 }
```

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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