

Converting Colors

Hex(7D4947)

Have a look what the booklet for
Hex(7D4947) contains.

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Color

Hex(7D4947)

Conversions

Conversions Part 1

Format	Color
Hex	7D4947
RGB	125, 73, 71
RGB Percent	49%, 29%, 28%
CMY	0.5098, 0.7137, 0.7216
CMYK	0.00, 0.42, 0.43, 0.51
HSL	2°, 28%, 38%
HSV	2°, 43%, 49%
XYZ	11.9773, 9.5800, 7.1791
YIQ	88.3200, 31.6340, 10.4020

Conversions

Conversions Part 2

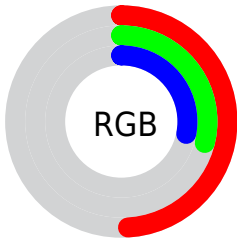
Format	Color
RYB	125, 73, 71
Decimal	8210759
CIELab	37.08, 21.89, 10.72
CIELCh	37, 24.373, 26.082
Yxy	9.5800, 0.4168, 0.3334
Android (android.graphics.Color)	4286400839 (0xFF7D4947)
YUV	88.3200, -8.5388, 32.1684
Hunter-Lab	30.9516, 14.9089, 7.9140

Details

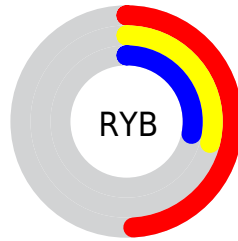
The Hex color **7D4947** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **477B7D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **B47A77**, and **491B1C** is the 20% darker color. If you saturate the color by 10%, you get **7D3D3B**, and if you desaturate by 10%, it is **7D5554**.

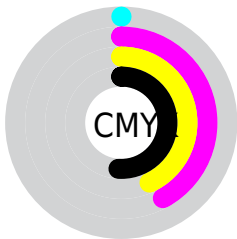
Distribution



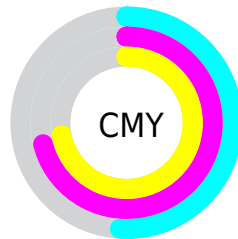
- Red (49%)
- Green (29%)
- Blue (28%)



- Red (49%)
- Yellow (29%)
- Blue (28%)



- Cyan (0%)
- Magenta (42%)
- Yellow (43%)
- Black (51%)



- Cyan (51%)
- Magenta (71%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D4947 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 7D4947 by changing the saturation by 10% instead.

 7D4947

 7D4947

FFFFFF

 633231

 B47A77

 491B1C

 D09491

 320501

 EDAFAC

 150000

 FFCBC7

 000000

 FFE7E3

 7D4947

 7D4947

 7D3D3B

 7D5554

 7D312E

 7D6160

 7D2522

 7D6D6D

 7D1915

 7D7979

 7D0D09

 7D8586

 7D0500

 7D9192

 7D9D9F

 7DA9AB

 7DB5B8

Harmonies

Analogous

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



7B485B



7D4947



754E37

Triad

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



7D4947



3B5F41



355A7E

Complementary

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



7D4947



477B7D

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.



0C5F77



7D4947



206154

Square

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



7D4947



525B33



006168



56537A

Rectangle

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



7D4947



6C5331



006168



295C7D

Sweetspot

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



7D4947



A38F8E



7D477B



524545



D1D1D1



525252

Same Dimension

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



7D4947



A3514E



7D6447



403A39



800500



000000

Inverse Universe

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



477B7D



4EA0A3



47607D



394040



007B80



000000

Previews

White Background



This preview shows how the Hex color 7D4947 looks on a white background.

Color Contrast Check

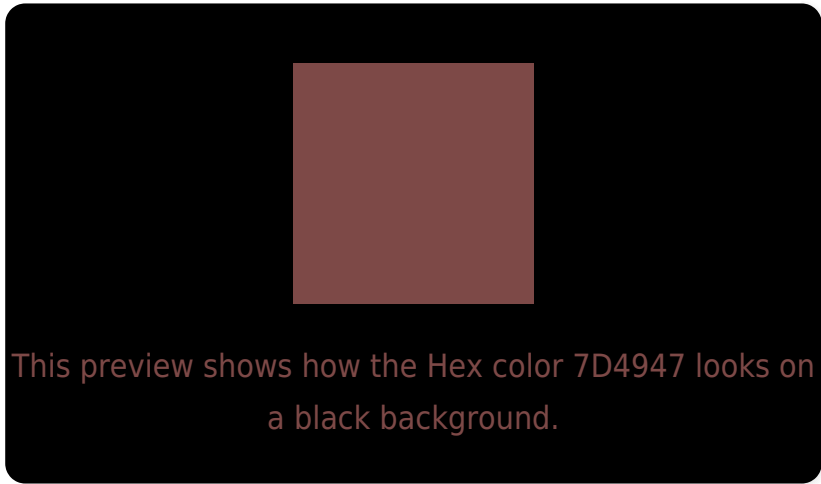
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

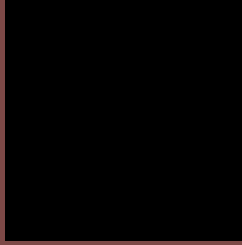
Any Text WCAG AA × Fail

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 7D4947 Background



This preview shows how black text looks on a background with the Hex color 7D4947.

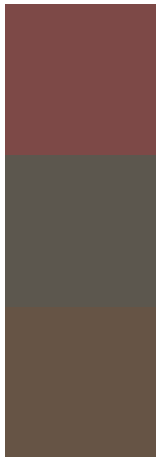


This preview shows how white text looks on a background with the Hex color 7D4947.

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](#).

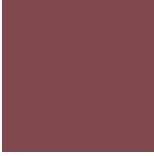
Dichromacy



Original Color
7D4947

Protanopia
5C574E

Deuteranopia
665445



Tritanopia
7E484D

Trichromacy



Original Color
7D4947

Protanomaly
68524B

Deuteranomaly
6E5046

Tritanomaly
7E484B

Monochromacy



Original Color
7D4947

Achromatopsia
585858

Achromatomaly
655352

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D4947 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 #7D4947 looks like.

```
.text, #text, p{  
    color:#7D4947  
}
```

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 #7D4947 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D4947
}
```

Border

The CSS property to change the border of an element to Hex 7D4947 is called "border". The border property can be set on classes, ids or directly on the HTML element.

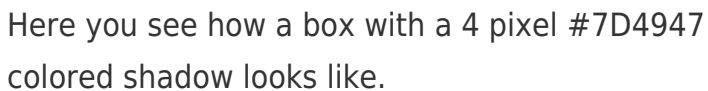
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D4947 }
```

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

```
.border{ border-color:#7D4947 }
```

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



Here you see how a box with a 4 pixel #7D4947 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D4947; -webkit-box-shadow:4px 4px  
4px 4px #7D4947; box-shadow:4px 4px 4px  
4px #7D4947 }
```

Background

The CSS property to change the background color of an element to Hex 7D4947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D4947 }
```

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

```
.background{ background-color:#7D4947 }
```

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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