

Converting Colors

Hex(7F4738)

Have a look what the booklet for
Hex(7F4738) contains.

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Color

Hex(7F4738)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 7F4738 |
| RGB | 127, 71, 56 |
| RGB Percent | 50%, 28%, 22% |
| CMY | 0.5020, 0.7216, 0.7804 |
| CMYK | 0.00, 0.44, 0.56, 0.50 |
| HSL | 13°, 39%, 36% |
| HSV | 13°, 56%, 50% |
| XYZ | 11.7194, 9.3040, 4.9196 |
| YIQ | 86.0340, 38.1910, 7.2070 |

Conversions

Conversions Part 2

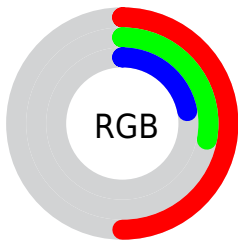
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 127, 75, 56 |
| Decimal | 8341304 |
| CIE Lab | 36.56, 22.30, 19.39 |
| CIE LCh | 37, 29.550, 41.015 |
| Yxy | 9.3040, 0.4517, 0.3586 |
| Android (android.graphics.Color) | 4286531384 (0xFF7F4738) |
| YUV | 86.0340, -14.8068, 35.9272 |
| Hunter-Lab | 30.5025, 15.2026, 11.7892 |

Details

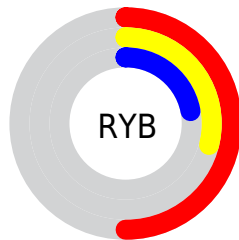
The Hex color **7F4738** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **38707F**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **B67867**, and **4A1A0D** is the 20% darker color. If you saturate the color by 10%, you get **7F3D2B**, and if you desaturate by 10%, it is **7F5145**.

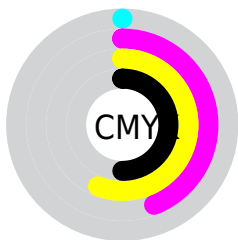
Distribution



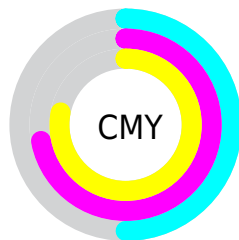
- Red (50%)
- Green (28%)
- Blue (22%)



- Red (50%)
- Yellow (29%)
- Blue (22%)



- Cyan (0%)
- Magenta (44%)
- Yellow (56%)
- Black (50%)



- Cyan (50%)
- Magenta (72%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F4738 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 7F4738 by changing the saturation by 10% instead.

 7F4738

 7F4738

FFFFFF

 643022

 B67867

 4A1A0D

 D39280

 310300

 F0AD9A

 120000

 FFC8B5

 000000

 FFE5D1

 FFFFED

 7F4738

 7F4738

 7F3D2B

 7F5145

■ 7F331F

■ 7F5B51

■ 7F2912

■ 7F655E

■ 7F1F05

■ 7F6F6B

■ 7F1B00

■ 7F7978

■ 7F8384

■ 7F8D91

■ 7F979E

■ 7FA1AA

Harmonies

Analogous

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



83424E



7F4738



714F29

Triad

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



7F4738



1F6146



3F5684

Complementary

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



7F4738



38707F

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.



005D83



7F4738



00625E

Square

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



7F4738



425E31



006174



634C7A

Rectangle

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



7F4738



645525



006174



2E5885

Sweetspot

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



7F4738



A6908A



7F3871



544743



D4D4D4



545454

Same Dimension

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



7F4738



A64E37



7F6A38



403B39



801B00



000000

Inverse Universe

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



38707F



378EA6



384D7F



393E40



006580



000000

Previews

White Background



This preview shows how the Hex color 7F4738 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

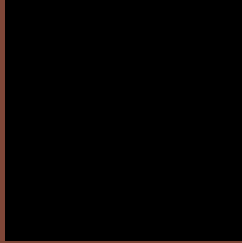
Any Text WCAG AA × Fail

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 7F4738 Background



This preview shows how black text looks on a background with the Hex color 7F4738.



This preview shows how white text looks on a background with the Hex color 7F4738.

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


7F4738

Protanopia

5D563E

Deuteranopia

695336



Tritanopia
80454A

Trichromacy



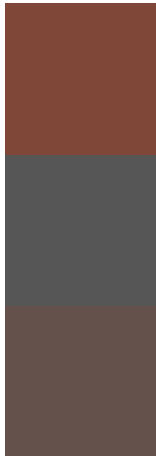
Original Color
7F4738

Protanomaly
69513C

Deuteranomaly
714F37

Tritanomaly
804643

Monochromacy



Original Color
7F4738

Achromatopsia
565656

Achromatomaly
65514B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F4738 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 #7F4738 looks like.

```
.text, #text, p{  
    color:#7F4738  
}
```

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 #7F4738 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F4738
}
```

Border

The CSS property to change the border of an element to Hex 7F4738 is called "border". The border property can be set on classes, ids or directly on the HTML element.

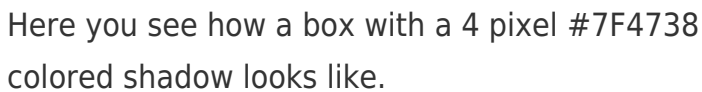
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F4738 }
```

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

```
.border{ border-color:#7F4738 }
```

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



Here you see how a box with a 4 pixel #7F4738 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F4738; -webkit-box-shadow:4px 4px  
4px 4px #7F4738; box-shadow:4px 4px 4px  
4px #7F4738 }
```

Background

The CSS property to change the background color of an element to Hex 7F4738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F4738 }
```

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

```
.background{ background-color:#7F4738 }
```

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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