

Converting Colors

Hex(7A744F)

Have a look what the booklet for
Hex(7A744F) contains.

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Color

Hex(7A744F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7A744F |
| RGB | 122, 116, 79 |
| RGB Percent | 48%, 45%, 31% |
| CMY | 0.5216, 0.5451, 0.6902 |
| CMYK | 0.00, 0.05, 0.35, 0.52 |
| HSL | 52°, 21%, 39% |
| HSV | 52°, 35%, 48% |
| XYZ | 15.6827, 17.1929, 9.8891 |
| YIQ | 113.5760, 15.4530, -10.2350 |

Conversions

Conversions Part 2

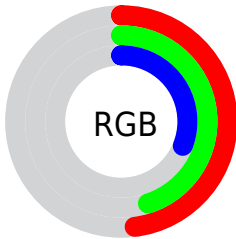
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 86, 122, 79 |
| Decimal | 8025167 |
| CIE _{Lab} | 48.50, -3.79, 21.31 |
| CIE _{LCh} | 49, 21.644, 100.075 |
| Yxy | 17.1929, 0.3667, 0.4020 |
| Android (android.graphics.Color) | 4286215247 (0xFF7A744F) |
| YUV | 113.5760, -17.0460, 7.3878 |
| Hunter-Lab | 41.4643, -5.0498, 14.8845 |

Details

The Hex color **7A744F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4F557A**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **AFA881**, and **484422** is the 20% darker color. If you saturate the color by 10%, you get **7A7243**, and if you desaturate by 10%, it is **7A765B**.

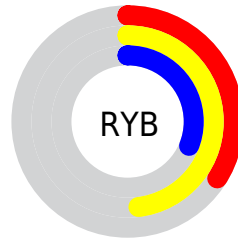
Distribution



Red (48%)

Green (45%)

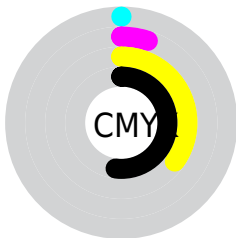
Blue (31%)



Red (34%)

Yellow (48%)

Blue (31%)

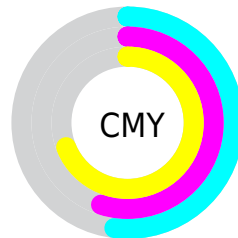


Cyan (0%)

Magenta (5%)

Yellow (35%)

Black (52%)



Cyan (52%)

Magenta (55%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A744F 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 7A744F by changing the saturation by 10% instead.



7A744F



7A744F

FFFFFF



615B38



AFA881



484422



CBC39B



312E0C



E7DFB6



1C1900



FFFC D1



000000



FFFFEE



7A744F



7A744F



7A7243



7A765B



7A7137



7A7767

 7A6F2A

 7A7974

 7A6D1E

 7A7B80

 7A6B12

 7A7D8C

 7A6A06

 7A7E98

 7A6900

 7A80A4

 7A82B1

 7A83BD

Harmonies

Analogous

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



8B6E51



7A744F



667957

Triad

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



7A744F



3B7C8A



906780

Complementary

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



7A744F



4F557A

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.



7E6C8F



7A744F



4B7895

Square

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



7A744F



3F7D79



657397



98666E

Rectangle

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



7A744F



587C60



657397



8B6986

Sweetspot

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



7A744F



9E9C8D



7A4F55



4F4E45



CFCFCF



4F4F4F

Same Dimension

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



7A744F



9E955C



6B7A4F



3D3C37



7D6C00



FCD900

Inverse Universe

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



4F557A



5C659E



5E4F7A



37383D



00117D



0023FC

Previews

White Background



This preview shows how the Hex color 7A744F looks on a white background.

Color Contrast Check

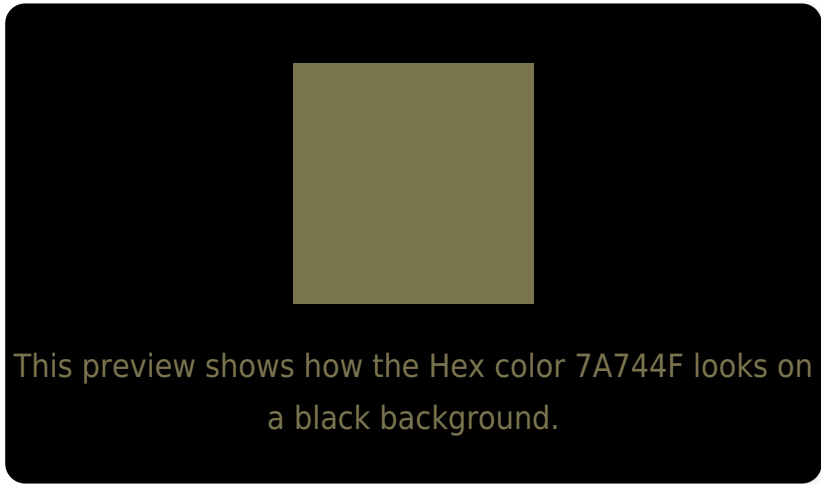
Large Text (above 18pt) WCAG AA ✓ Pass

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

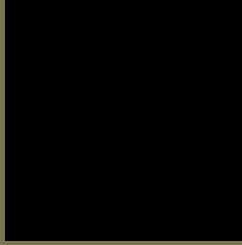
Any Text WCAG AA × Fail

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 7A744F Background



This preview shows how black text looks on a background with the Hex color 7A744F.



This preview shows how white text looks on a background with the Hex color 7A744F.

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


7A744F

Protanopia

7D734F

Deuteranopia

896E50



Tritanopia
7F6F78

Trichromacy



Original Color
7A744F

Protanomaly
7C734F

Deuteranomaly
847050

Tritanomaly
7D7169

Monochromacy



Original Color
7A744F

Achromatopsia
727272

Achromatomaly
757365

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A744F 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 #7A744F looks like.

```
.text, #text, p{  
    color:#7A744F  
}
```

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 #7A744F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A744F
}
```

Border

The CSS property to change the border of an element to Hex 7A744F 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
#7A744F }
```

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

```
.border{ border-color:#7A744F }
```

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

Here you see how a box with a 4 pixel #7A744F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A744F; -webkit-box-shadow:4px 4px  
4px 4px #7A744F; box-shadow:4px 4px 4px  
4px #7A744F }
```

Background

The CSS property to change the background color of an element to Hex 7A744F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A744F }
```

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

```
.background{ background-color:#7A744F }
```

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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