

Converting Colors

Hex(78644B)

Have a look what the booklet for
Hex(78644B) contains.

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Color

Hex(78644B)

Conversions

Conversions Part 1

Format	Color
Hex	78644B
RGB	120, 100, 75
RGB Percent	47%, 39%, 29%
CMY	0.5294, 0.6078, 0.7059
CMYK	0.00, 0.17, 0.37, 0.53
HSL	33°, 23%, 38%
HSV	33°, 37%, 47%
XYZ	13.5729, 13.6154, 8.5693
YIQ	103.1300, 19.9450, -3.5350

Conversions

Conversions Part 2

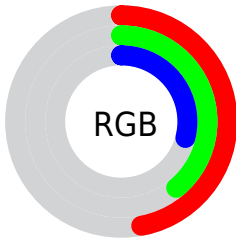
Format	Color
RYB	111, 120, 75
Decimal	7889995
CIELab	43.68, 4.12, 17.18
CIELCh	44, 17.669, 76.515
Yxy	13.6154, 0.3796, 0.3808
Android (android.graphics.Color)	4286080075 (0xFF78644B)
YUV	103.1300, -13.8681, 14.7950
Hunter-Lab	36.8991, 1.0858, 12.0601

Details

The Hex color **78644B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4B5F78**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **AD977C**, and **46351F** is the 20% darker color. If you saturate the color by 10%, you get **785F3F**, and if you desaturate by 10%, it is **786957**.

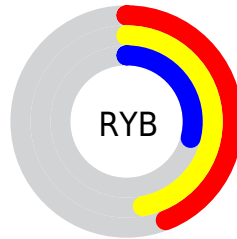
Distribution



Red (47%)

Green (39%)

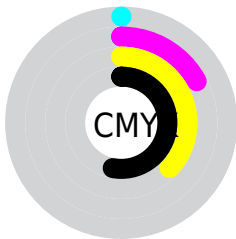
Blue (29%)



Red (44%)

Yellow (47%)

Blue (29%)

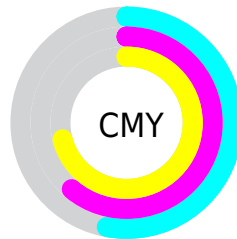


Cyan (0%)

Magenta (17%)

Yellow (37%)

Black (53%)



Cyan (53%)

Magenta (61%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78644B 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 78644B by changing the saturation by 10% instead.



78644B



78644B

FFFFFF



5F4C34



AD977C



46351F



C9B196



2F2008



E5CDB1



190A00



FFE9CC



000000



FFFFE8



78644B



78644B



785F3F



786957



785933



786F63

 785427

 78746F

 784F1B

 78797B

 78490F

 787F87

 784403

 788493

 784300

 78899F

 788FAB

 7894B7

Harmonies

Analogous

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



825F53



78644B



6A694B

Triad

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



78644B



3D6F6F



73617B

Complementary

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



78644B



4B5F78

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.



616683



78644B



3E6E7C

Square

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



78644B



496F60



4C6B83



805D6E

Rectangle

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



78644B



5F6C4F



4C6B83



6E627F

Sweetspot

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



78644B



9C948A



784B5F



4F4A45



CFCFCF



4F4F4F

Same Dimension

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



78644B



9C7C56



76784B



3D3A37



7D4500



FC8C00

Inverse Universe

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



4B5F78



56759C



4D4B78



373A3D



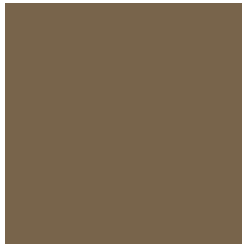
00387D



0070FC

Previews

White Background



This preview shows how the Hex color 78644B looks on a white background.

Color Contrast Check

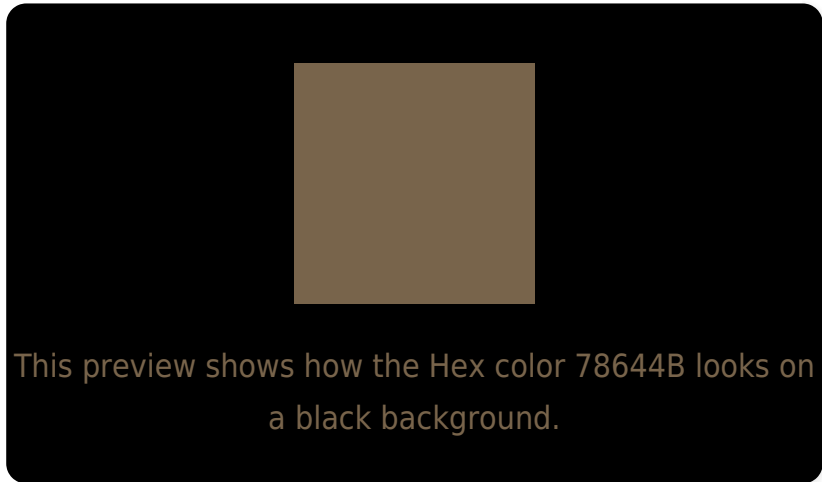
Large Text (above 18pt) WCAG AA ✓ Pass

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

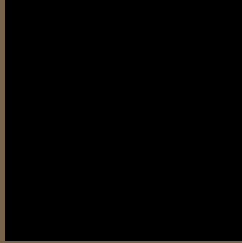
Any Text WCAG AA × Fail

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 78644B Background



This preview shows how black text looks on a background with the Hex color 78644B.



This preview shows how white text looks on a background with the Hex color 78644B.

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
78644B

Protanopia
6F674C

Deuteranopia
7A634B



Tritanopia
7B6068

Trichromacy



Original Color
78644B

Protanomaly
72664C

Deuteranomaly
79634B

Tritanomaly
7A615D

Monochromacy



Original Color
78644B

Achromatopsia
676767

Achromatomaly
6D665D

CSS Examples

Text

The CSS property to change the color of the text to Hex 78644B 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 #78644B looks like.

```
.text, #text, p{  
    color:#78644B  
}
```

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 #78644B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78644B
}
```

Border

The CSS property to change the border of an element to Hex 78644B is called "border". The border property can be set on classes, ids or directly on the HTML element.

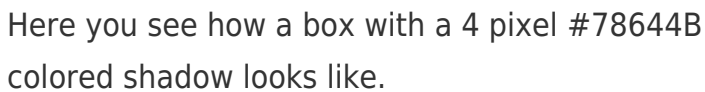
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#78644B }
```

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

```
.border{ border-color:#78644B }
```

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



Here you see how a box with a 4 pixel #78644B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78644B; -webkit-box-shadow:4px 4px  
4px 4px #78644B; box-shadow:4px 4px 4px  
4px #78644B }
```

Background

The CSS property to change the background color of an element to Hex 78644B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78644B }
```

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

```
.background{ background-color:#78644B }
```

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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