

Converting Colors

Hex(78634A)

Have a look what the booklet for
Hex(78634A) contains.

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Color

Hex(78634A)

Conversions

Conversions Part 1

Format	Color
Hex	78634A
RGB	120, 99, 74
RGB Percent	47%, 39%, 29%
CMY	0.5294, 0.6118, 0.7098
CMYK	0.00, 0.18, 0.38, 0.53
HSL	33°, 24%, 38%
HSV	33°, 38%, 47%
XYZ	13.4436, 13.4112, 8.3586
YIQ	102.4290, 20.5410, -3.3230

Conversions

Conversions Part 2

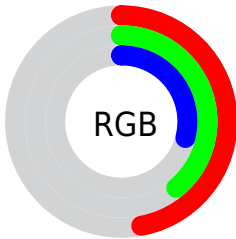
Format	Color
RYB	113, 120, 74
Decimal	7889738
CIELab	43.38, 4.58, 17.37
CIELCh	43, 17.966, 75.230
Yxy	13.4112, 0.3818, 0.3809
Android (android.graphics.Color)	4286079818 (0xFF78634A)
YUV	102.4290, -14.0155, 15.4098
Hunter-Lab	36.6213, 1.4399, 12.1022

Details

The Hex color **78634A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4A5F78**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **AD967B**, and **46351E** is the 20% darker color. If you saturate the color by 10%, you get **785E3E**, and if you desaturate by 10%, it is **786856**.

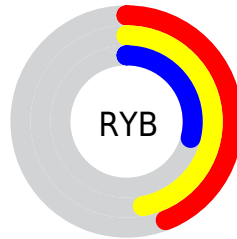
Distribution



Red (47%)

Green (39%)

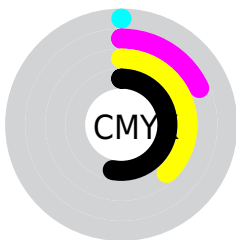
Blue (29%)



Red (44%)

Yellow (47%)

Blue (29%)

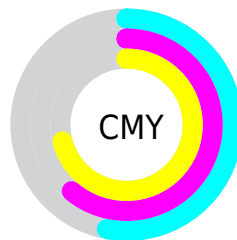


Cyan (0%)

Magenta (18%)

Yellow (38%)

Black (53%)



Cyan (53%)

Magenta (61%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78634A 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 78634A by changing the saturation by 10% instead.



78634A



78634A

FFFFFF



5F4B33



AD967B



46351E



C9B095



2F1F06



E5CCAF



180800



FFE8CB



000000



FFFFE7



78634A



78634A



785E3E



786856



785832



786E62

■ 785326

■ 78736E

■ 784D1A

■ 78797A

■ 78480E

■ 787E86

■ 784202

■ 788492

■ 784100

■ 78899E

■ 788FAA

■ 7894B6

Harmonies

Analogous

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



825E52



78634A



6A684A

Triad

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



78634A



3C6F6E



72607B

Complementary

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



78634A



4A5F78

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.



5F6583



78634A



3C6D7B

Square

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



78634A



486E5E



4A6A83



7F5C6E

Rectangle

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



78634A



5E6B4E



4A6A83



6C627F

Sweetspot

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



78634A



9C9389



784A5F



4F4A44



CFCFCF



4F4F4F

Same Dimension

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



78634A



9C7B54



76784A



3D3A37



7D4400



FC8900

Inverse Universe

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



4A5F78



54759C



4C4A78



373A3D



00397D



0073FC

Previews

White Background



This preview shows how the Hex color 78634A looks on a white background.

Color Contrast Check

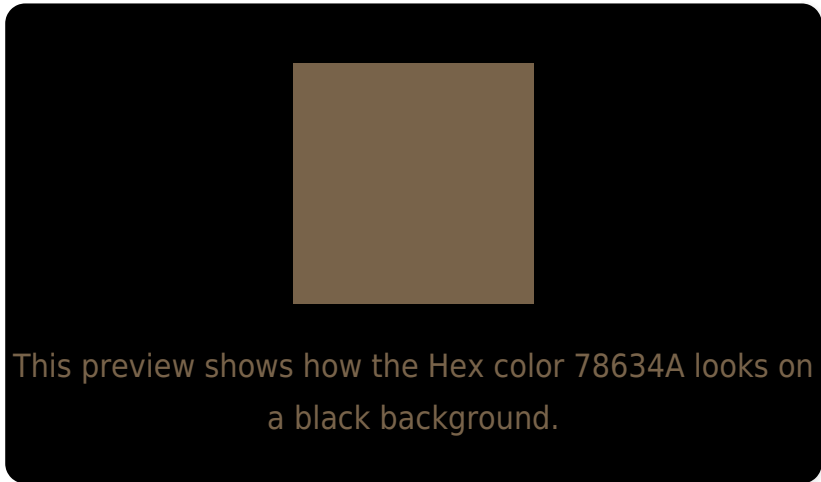
Large Text (above 18pt) WCAG AA ✓ Pass

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

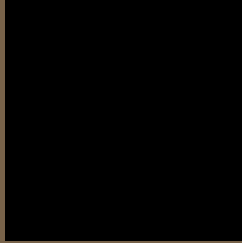
Any Text WCAG AA × Fail

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 78634A Background



This preview shows how black text looks on a background with the Hex color 78634A.

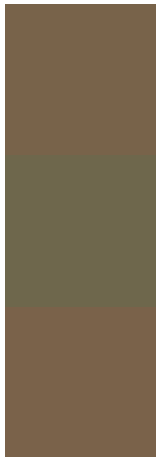


This preview shows how white text looks on a background with the Hex color 78634A.

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
78634A

Protanopia
6E674C

Deuteranopia
7A624A



Tritanopia
7B5F67

Trichromacy



Original Color
78634A

Protanomaly
72664B

Deuteranomaly
79624A

Tritanomaly
7A605C

Monochromacy



Original Color
78634A

Achromatopsia
666666

Achromatomaly
6D655C

CSS Examples

Text

The CSS property to change the color of the text to Hex 78634A 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 #78634A looks like.

```
.text, #text, p{  
    color:#78634A  
}
```

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 #78634A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78634A
}
```

Border

The CSS property to change the border of an element to Hex 78634A is called "border". The border property can be set on classes, ids or directly on the HTML element.

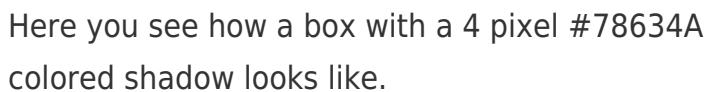
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#78634A }
```

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

```
.border{ border-color:#78634A }
```

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



Here you see how a box with a 4 pixel #78634A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78634A; -webkit-box-shadow:4px 4px  
4px 4px #78634A; box-shadow:4px 4px 4px  
4px #78634A }
```

Background

The CSS property to change the background color of an element to Hex 78634A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78634A }
```

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

```
.background{ background-color:#78634A }
```

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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