

# Converting Colors

Hex(79634A)

Have a look what the booklet for  
Hex(79634A) contains.

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**Color**

**Hex(79634A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	79634A
RGB	121, 99, 74
RGB Percent	47%, 39%, 29%
CMY	0.5255, 0.6118, 0.7098
CMYK	0.00, 0.18, 0.39, 0.53
HSL	32°, 24%, 38%
HSV	32°, 39%, 47%
XYZ	13.5830, 13.4830, 8.3651
YIQ	102.7280, 21.1370, -3.1110

# Conversions

## Conversions Part 2

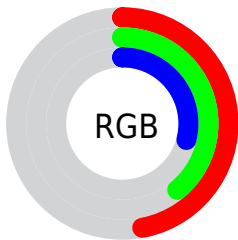
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 121, 74
Decimal	7955274
CIE <sub>Lab</sub>	43.48, 5.02, 17.53
CIE <sub>LCh</sub>	43, 18.238, 74.018
Yxy	13.4830, 0.3834, 0.3805
Android (android.graphics.Color)	4286145354 (0xFF79634A)
YUV	102.7280, -14.1629, 16.0245
Hunter-Lab	36.7193, 1.7712, 12.1964

# Details

The Hex color **79634A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4A6079**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **AE967B**, and **47351E** is the 20% darker color. If you saturate the color by 10%, you get **795D3E**, and if you desaturate by 10%, it is **796956**.

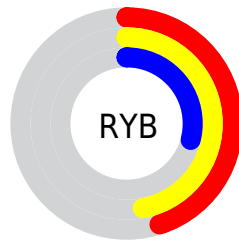
# Distribution



Red (47%)

Green (39%)

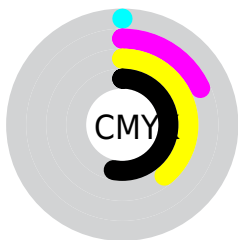
Blue (29%)



Red (45%)

Yellow (47%)

Blue (29%)

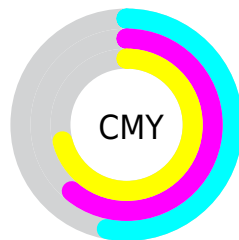


Cyan (0%)

Magenta (18%)

Yellow (39%)

Black (53%)



Cyan (53%)

Magenta (61%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79634A 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 79634A by changing the saturation by 10% instead.



 79634A

 79634A

FFFFFF

 604B33

 AE967B

 47351E

 CAB095

 301F06

 E6CCAF

 190800

 FFE8CB

 000000

 FFFFE7

 79634A

 79634A

 795D3E

 796956

 795832

 796E62

 795226

 79746E

 794C1A

 797A7A

 79470E

 797F87

 794101

 798593

 794000

 798B9F

 7990AB

 7996B7

# Harmonies

## Analogous

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



835E52



79634A



6A6849

# Triad

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



79634A



3C6F6D



72607D

# Complementary

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



79634A



4A6079

# 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.



5E6684



79634A



3B6E7B

# Square

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



79634A



486F5E



496B83



805D6F

# Rectangle

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



79634A



5F6B4D



496B83



6C6280



# Sweetspot

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



79634A



9E958B



794A61



4F4A44



CFCFCF



4F4F4F



# Same Dimension

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



79634A



9E7B54



78794A



3D3A37



7D4200



FC8600



# Inverse Universe

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



4A6079



54779E



4B4A79



373A3D



003A7D



0076FC



# Previews

## White Background



This preview shows how the Hex color 79634A looks on a white background.

## Color Contrast Check

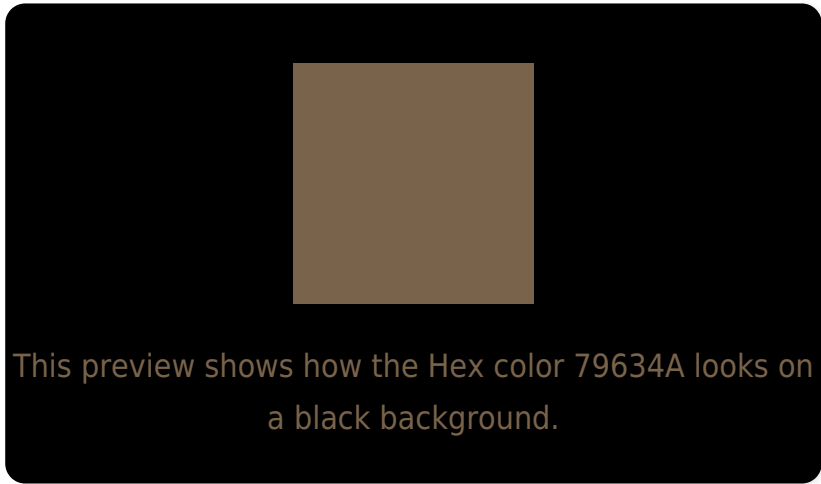
Large Text (above 18pt) WCAG AA ✓ Pass

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

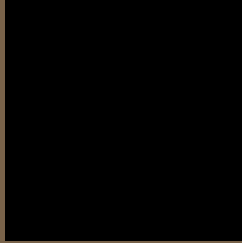
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 79634A Background



This preview shows how black text looks on a background with the Hex color 79634A.



This preview shows how white text looks on a background with the Hex color 79634A.

# 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](#).

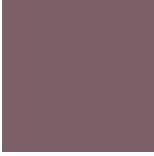
## Dichromacy



**Original Color**  
79634A

**Protanopia**  
6E674C

**Deuteranopia**  
7A634A



**Tritanopia**  
7C5F67

# Trichromacy



**Original Color**  
79634A

**Protanomaly**  
72664B

**Deuteranomaly**  
7A634A

**Tritanomaly**  
7B605C

# Monochromacy



**Original Color**  
79634A

**Achromatopsia**  
676767

**Achromatomaly**  
6E665C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79634A 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 #79634A looks like.

```
.text, #text, p{  
    color:#79634A  
}
```

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 #79634A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79634A
}
```

## Border

The CSS property to change the border of an element to Hex 79634A is called "border". The border property can be set on classes, ids or directly on the HTML element.

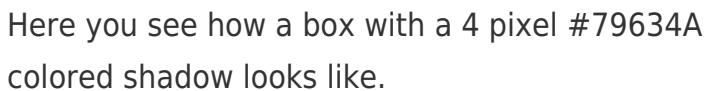
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#79634A }
```

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

```
.border{ border-color:#79634A }
```

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



Here you see how a box with a 4 pixel #79634A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79634A; -webkit-box-shadow:4px 4px  
4px 4px #79634A; box-shadow:4px 4px 4px  
4px #79634A }
```

# Background

The CSS property to change the background color of an element to Hex 79634A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79634A }
```

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

```
.background{ background-color:#79634A }
```

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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