

# Converting Colors

Hex(79735E)

Have a look what the booklet for  
Hex(79735E) contains.

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# Color

**Hex(79735E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	79735E
RGB	121, 115, 94
RGB Percent	47%, 45%, 37%
CMY	0.5255, 0.5490, 0.6314
CMYK	0.00, 0.05, 0.22, 0.53
HSL	47°, 13%, 42%
HSV	47°, 22%, 47%
XYZ	16.0363, 17.1346, 13.0518
YIQ	114.4000, 10.3170, -5.2590

# Conversions

## Conversions Part 2

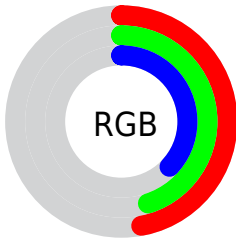
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 121, 94
Decimal	7959390
CIE Lab	48.43, -1.43, 12.47
CIE LCh	48, 12.553, 96.523
Yxy	17.1346, 0.3469, 0.3707
Android (android.graphics.Color)	4286149470 (0xFF79735E)
YUV	114.4000, -10.0572, 5.7882
Hunter-Lab	41.3939, -3.2873, 10.2812

# Details

The Hex color **79735E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5E6479**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **AEA790**, and **484330** is the 20% darker color. If you saturate the color by 10%, you get **797052**, and if you desaturate by 10%, it is **79766A**.

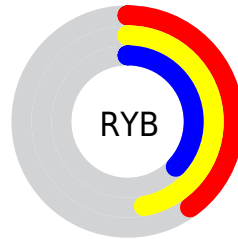
# Distribution



Red (47%)

Green (45%)

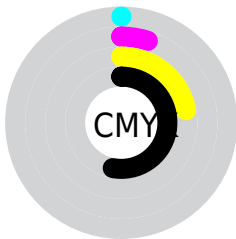
Blue (37%)



Red (40%)

Yellow (47%)

Blue (37%)

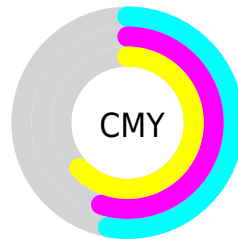


Cyan (0%)

Magenta (5%)

Yellow (22%)

Black (53%)



Cyan (53%)

Magenta (55%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79735E 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 79735E by changing the saturation by 10% instead.





79735E



79735E

FFFFFF



605A46



AEA790



484330



C9C2AB



312D1B



E5DEC6



1D1800



FFFAE2



000000



79735E



79735E



797052



79766A



796E46



797876



796B3A



797B82

■ 79682E

■ 797E8E

■ 796621

■ 79809B

■ 796315

■ 7983A7

■ 796009

■ 7986B3

■ 795E00

■ 7989BF

■ 798BCB

# Harmonies

## Analogous

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



837060



79735E



6D7662

# Triad

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



79735E



57797F



836D7C

# Complementary

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



79735E



5E6479

# 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.



787084



79735E



5E7686

# Square

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



79735E



597975



6A7388



896C71

# Rectangle

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



79735E



657867



6A7388



806D7F



# Sweetspot

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



79735E



9E9C93



795E64



4F4E49



CFCFCF



4F4F4F



# Same Dimension

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



79735E



9E9573



72795E



3D3C37



7D6100



FCC400



# Inverse Universe

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



5E6479



737D9E



655E79



37383D



001C7D



0038FC



# Previews

## White Background



This preview shows how the Hex color 79735E looks on a white background.

## Color Contrast Check

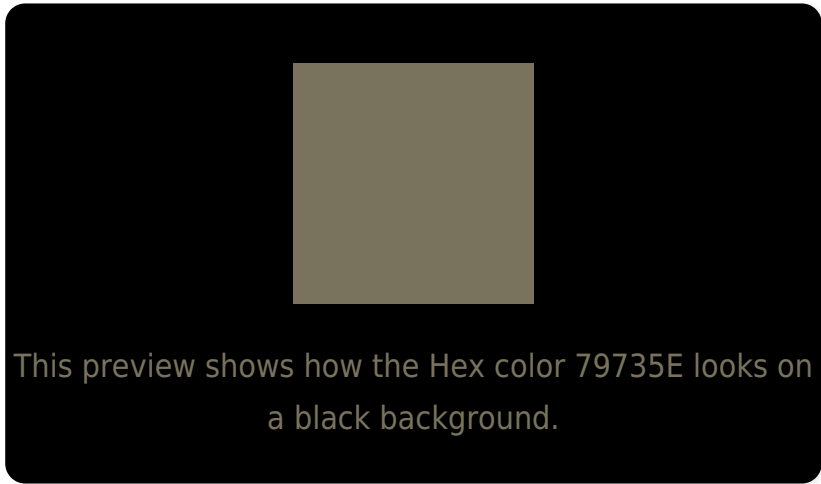
Large Text (above 18pt) WCAG AA ✓ Pass

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

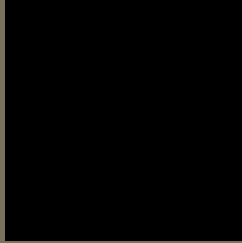
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 79735E Background



This preview shows how black text looks on a background with the Hex color 79735E.



This preview shows how white text looks on a background with the Hex color 79735E.

# 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**  
79735E

**Protanopia**  
7A735E

**Deuteranopia**  
856F5F



**Tritanopia**  
7C6F78

# Trichromacy



**Original Color**  
79735E

**Protanomaly**  
7A735E

**Deuteranomaly**  
81705F

**Tritanomaly**  
7B706F

# Monochromacy



**Original Color**  
79735E

**Achromatopsia**  
727272

**Achromatomaly**  
75726B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79735E 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 #79735E looks like.

```
.text, #text, p{  
    color:#79735E  
}
```

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 #79735E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79735E
}
```

## Border

The CSS property to change the border of an element to Hex 79735E is called "border". The border property can be set on classes, ids or directly on the HTML element.

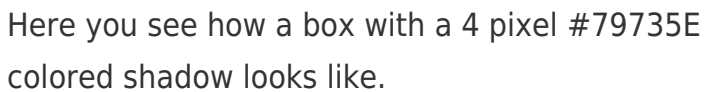
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#79735E }
```

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

```
.border{ border-color:#79735E }
```

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



Here you see how a box with a 4 pixel #79735E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79735E; -webkit-box-shadow:4px 4px  
4px 4px #79735E; box-shadow:4px 4px 4px  
4px #79735E }
```

# Background

The CSS property to change the background color of an element to Hex 79735E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79735E }
```

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

```
.background{ background-color:#79735E }
```

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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