

# Converting Colors

Hex(7A775A)

Have a look what the booklet for  
Hex(7A775A) contains.

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**Color**

**Hex(7A775A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A775A
RGB	122, 119, 90
RGB Percent	48%, 47%, 35%
CMY	0.5216, 0.5333, 0.6471
CMYK	0.00, 0.02, 0.26, 0.52
HSL	54°, 15%, 42%
HSV	54°, 26%, 48%
XYZ	16.4683, 18.0694, 12.2926
YIQ	116.5910, 11.0970, -8.3830

# Conversions

## Conversions Part 2

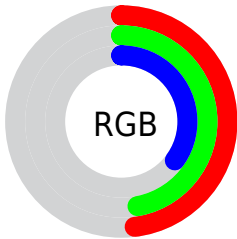
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 122, 90
Decimal	8025946
CIE <sub>Lab</sub>	49.58, -3.93, 16.41
CIE <sub>LCh</sub>	50, 16.870, 103.465
Yxy	18.0694, 0.3517, 0.3858
Android (android.graphics.Color)	4286216026 (0xFF7A775A)
YUV	116.5910, -13.1094, 4.7437
Hunter-Lab	42.5081, -5.2355, 12.6100

# Details

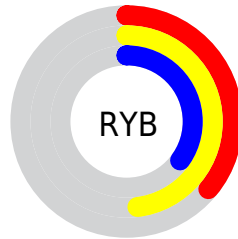
The Hex color **7A775A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5A5D7A**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **AFAB8C**, and **49472C** is the 20% darker color. If you saturate the color by 10%, you get **7A764E**, and if you desaturate by 10%, it is **7A7866**.

# Distribution



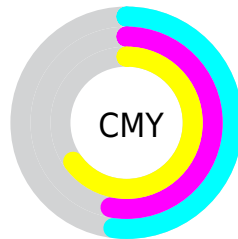
- Red (48%)
- Green (47%)
- Blue (35%)



- Red (36%)
- Yellow (48%)
- Blue (35%)



- Cyan (0%)
- Magenta (2%)
- Yellow (26%)
- Black (52%)



- Cyan (52%)
- Magenta (53%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A775A 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 7A775A by changing the saturation by 10% instead.





7A775A



7A775A

FFFFFF



615E42



AFAB8C



49472C



CAC6A7



323017



E7E2C2



1E1B00



FFFFDE



000000



FFFFFFA



7A775A



7A775A



7A764E



7A7866



7A7542



7A7972

 7A7435

 7A7A7F

 7A7229

 7A7C8B

 7A711D

 7A7D97

 7A7011

 7A7EA3

 7A6F05

 7A7FAF

 7A6F00

 7A80BC

 7A81C8

# Harmonies

## Analogous

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



88725B



7A775A



6A7B61

# Triad

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



7A775A



4F7D89



8E6D7E

# Complementary

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



7A775A



5A5D7A

# 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.



80708B



7A775A



5B7A91

# Square

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



7A775A



4F7E7C



6E7592



936C70

# Rectangle

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



7A775A



5F7D69



6E7592



8A6D83



# Sweetspot

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



7A775A



9E9D91



7A5A5D



4F4E47



CFCFCF



4F4F4F



# Same Dimension

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



7A775A



9E9A6D



6D7A5A



3D3D37



7D7100



FCE500



# Inverse Universe

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



5A5D7A



6D729E



675A7A



37383D



000C7D



0018FC



# Previews

## White Background



This preview shows how the Hex color 7A775A 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 ✓ Pass

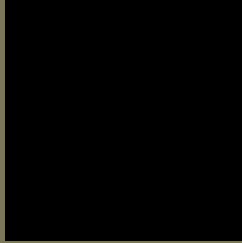
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

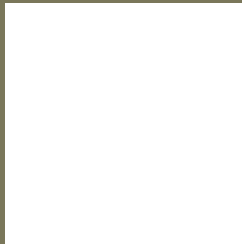
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7A775A Background



This preview shows how black text looks on a background with the Hex color 7A775A.



This preview shows how white text looks on a background with the Hex color 7A775A.

# 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**

7A775A

**Protanopia**

7E7659

**Deuteranopia**

8A715B



**Tritanopia**  
7E737C

# Trichromacy



**Original Color**  
7A775A

**Protanomaly**  
7D7659

**Deuteranomaly**  
84735B

**Tritanomaly**  
7D7470

# Monochromacy



**Original Color**  
7A775A

**Achromatopsia**  
757575

**Achromatomaly**  
77766B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A775A 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 #7A775A looks like.

```
.text, #text, p{  
    color:#7A775A  
}
```

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 #7A775A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A775A
}
```

## Border

The CSS property to change the border of an element to Hex 7A775A is called "border". The border property can be set on classes, ids or directly on the HTML element.

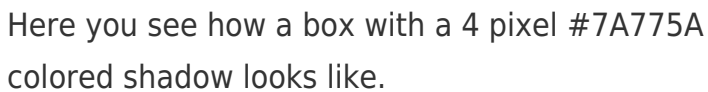
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A775A }
```

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

```
.border{ border-color:#7A775A }
```

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



Here you see how a box with a 4 pixel #7A775A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A775A; -webkit-box-shadow:4px 4px  
4px 4px #7A775A; box-shadow:4px 4px 4px  
4px #7A775A }
```

# Background

The CSS property to change the background color of an element to Hex 7A775A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A775A }
```

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

```
.background{ background-color:#7A775A }
```

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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