

# Converting Colors

Hex(78655A)

Have a look what the booklet for  
Hex(78655A) contains.

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# Color

**Hex(78655A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	78655A
RGB	120, 101, 90
RGB Percent	47%, 40%, 35%
CMY	0.5294, 0.6039, 0.6471
CMYK	0.00, 0.16, 0.25, 0.53
HSL	22°, 14%, 41%
HSV	22°, 25%, 47%
XYZ	14.2449, 14.0386, 11.6318
YIQ	105.4270, 14.8550, 0.6070

# Conversions

## Conversions Part 2

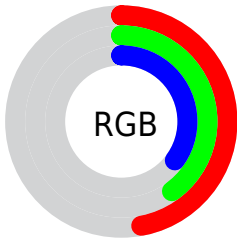
Format	Color
R <sub>Y</sub> B	120, 107, 90
Decimal	7890266
CIE Lab	44.29, 5.73, 9.05
CIE LCh	44, 10.707, 57.670
Yxy	14.0386, 0.3569, 0.3517
Android (android.graphics.Color)	4286080346 (0xFF78655A)
YUV	105.4270, -7.6055, 12.7805
Hunter-Lab	37.4681, 2.2940, 7.8214

# Details

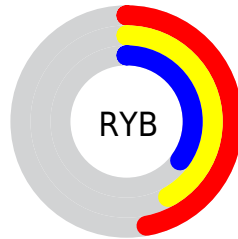
The Hex color **78655A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5A6D78**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **AD988C**, and **47362C** is the 20% darker color. If you saturate the color by 10%, you get **785D4E**, and if you desaturate by 10%, it is **786D66**.

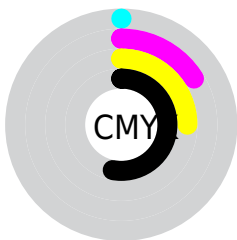
# Distribution



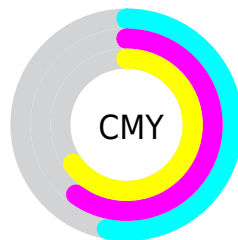
- Red (47%)
- Green (40%)
- Blue (35%)



- Red (47%)
- Yellow (42%)
- Blue (35%)



- Cyan (0%)
- Magenta (16%)
- Yellow (25%)
- Black (53%)



- Cyan (53%)
- Magenta (60%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78655A 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 78655A by changing the saturation by 10% instead.





78655A



78655A

FFFFFF



5F4D43



AD988C



47362C



C8B3A6



302118



E4CEC2



1C0A00



FFEADD



000000



FFFFFFA



78655A



78655A



785D4E



786D66



785642



787472

■ 784E36

■ 787C7E

■ 78472A

■ 78838A

■ 783F1E

■ 788B96

■ 783712

■ 7893A2

■ 783006

■ 789AAE

■ 782C00

■ 78A2BA

■ 78A9C6

# Harmonies

## Analogous

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



7C6361



78655A



716857

# Triad

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



78655A



556E68



6A6778

# Complementary

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



78655A



5A6D78

# 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.



5E6A7A



78655A



516E71

# Square

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



78655A



5D6D5F



556C77



746472

# Rectangle

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



78655A



6A6A58



556C77



66687A



# Sweetspot

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



78655A



9C948F



785A6D



4F4A47



CFCFCF



4F4F4F



# Same Dimension

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



78655A



9C7E6D



78735A



3D3937



7D2E00



FC5D00



# Inverse Universe

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



5A6D78



6D8A9C



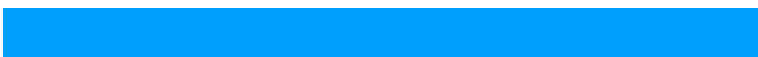
5A5E78



373B3D



004F7D



00A0FC



# Previews

## White Background



This preview shows how the Hex color 78655A looks on a white background.

## Color Contrast Check

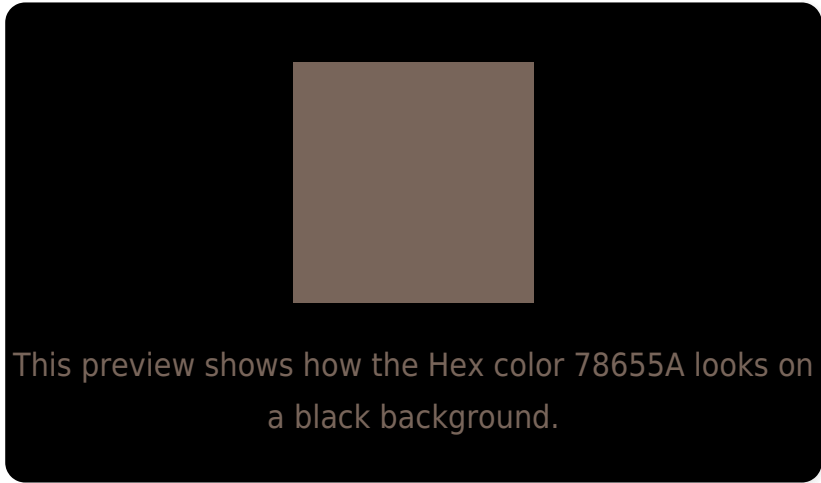
Large Text (above 18pt) WCAG AA ✓ Pass

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

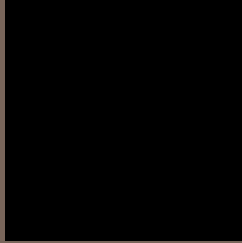
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 78655A Background



This preview shows how black text looks on a background with the Hex color 78655A.



This preview shows how white text looks on a background with the Hex color 78655A.

# 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**  
78655A

**Protanopia**  
6E695C

**Deuteranopia**  
78655A



**Tritanopia**  
7A636A

# Trichromacy



**Original Color**  
78655A

**Protanomaly**  
72685B

**Deuteranomaly**  
78655A

**Tritanomaly**  
796464

# Monochromacy



**Original Color**  
78655A

**Achromatopsia**  
696969

**Achromatomaly**  
6E6864

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78655A 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 #78655A looks like.

```
.text, #text, p{  
    color:#78655A  
}
```

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 #78655A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78655A
}
```

## Border

The CSS property to change the border of an element to Hex 78655A 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".

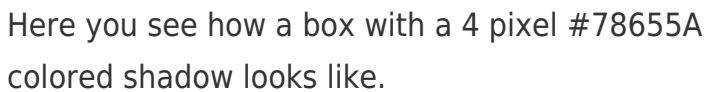
```
.border, #border, table{ border:4px solid
#78655A }
```

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

```
.border{ border-color:#78655A }
```

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

Here you see how a box with a 4 pixel #78655A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78655A; -webkit-box-shadow:4px 4px  
4px 4px #78655A; box-shadow:4px 4px 4px  
4px #78655A }
```

# Background

The CSS property to change the background color of an element to Hex 78655A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78655A }
```

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

```
.background{ background-color:#78655A }
```

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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