

# Converting Colors

Hex(7A6666)

Have a look what the booklet for  
Hex(7A6666) contains.

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# Color

**Hex(7A6666)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A6666
RGB	122, 102, 102
RGB Percent	48%, 40%, 40%
CMY	0.5216, 0.6000, 0.6000
CMYK	0.00, 0.16, 0.16, 0.52
HSL	0°, 9%, 44%
HSV	0°, 16%, 48%
XYZ	15.1757, 14.5996, 14.5885
YIQ	107.9800, 11.9200, 4.2400

# Conversions

## Conversions Part 2

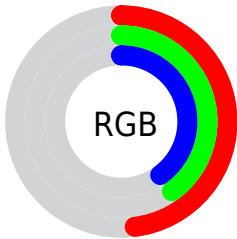
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 102, 102
Decimal	8021606
CIE Lab	45.08, 7.97, 2.97
CIE LCh	45, 8.508, 20.441
Yxy	14.5996, 0.3421, 0.3291
Android (android.graphics.Color)	4286211686 (0xFF7A6666)
YUV	107.9800, -2.9481, 12.2955
Hunter-Lab	38.2095, 4.0284, 4.1094

# Details

The Hex color **7A6666** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **667A7A**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **AF9999**, and **493737** is the 20% darker color. If you saturate the color by 10%, you get **7A5A5A**, and if you desaturate by 10%, it is **7A7272**.

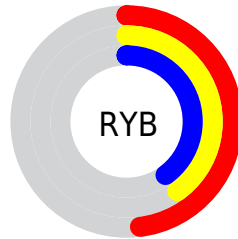
# Distribution



Red (48%)

Green (40%)

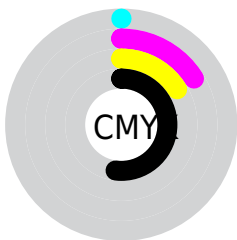
Blue (40%)



Red (48%)

Yellow (40%)

Blue (40%)

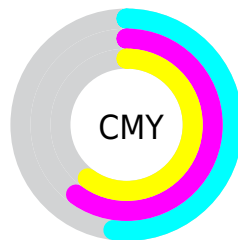


Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (52%)



Cyan (52%)

Magenta (60%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A6666 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 7A6666 by changing the saturation by 10% instead.



7A6666

7A6666

FFFFFF

614E4E

AF9999

493737

CAB4B4

322222

E6CFCF

1E0C0C

FFECEB

000000

7A6666

7A6666

7A5A5A

7A7272

7A4E4E

7A7E7E

7A4141

7A8B8B

 7A3535

 7A9797

 7A2929

 7AA3A3

 7A1D1D

 7AAFAF

 7A1111

 7ABBBB

 7A0404

 7AC8C8

 7A0000

 7AD4D4

# Harmonies

## Analogous

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



78666D



7A6666



786760

# Triad

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



7A6666



636E61



616C78

# Complementary

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



7A6666



667A7A

# 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.



5A6E75



7A6666



5C6F68

# Square

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



7A6666



6B6C5D



596F6F



696A78

# Rectangle

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



7A6666



75695E



596F6F



5E6D78



# Sweetspot

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



7A6666



9E9696



7A667A



4F4A4A



CFCFCF



4F4F4F



# Same Dimension

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



7A6666



9E7E7E



7A7066



3D3737



7D0000



FC0000



# Inverse Universe

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



667A7A



7E9E9E



66707A



373D3D



007D7D

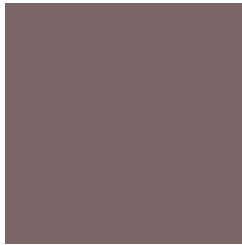


00FCFC



# Previews

## White Background



This preview shows how the Hex color 7A6666 looks on a white background.

## Color Contrast Check

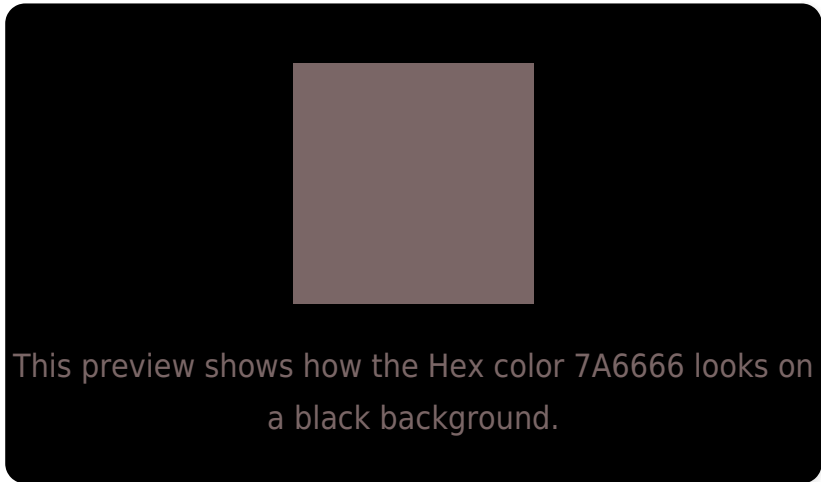
Large Text (above 18pt) WCAG AA ✓ Pass

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

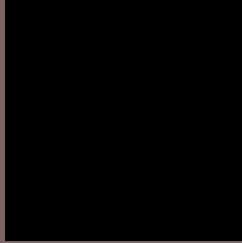
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A6666 Background



This preview shows how black text looks on a background with the Hex color 7A6666.



This preview shows how white text looks on a background with the Hex color 7A6666.

# 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**


7A6666

**Protanopia**

6D6A68

**Deuteranopia**

776766



**Tritanopia**  
7B656D

# Trichromacy



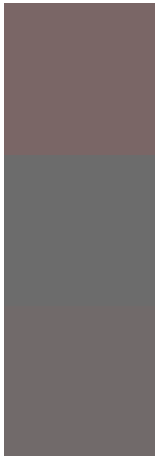
**Original Color**  
7A6666

**Protanomaly**  
726967

**Deuteranomaly**  
786766

**Tritanomaly**  
7B656A

# Monochromacy



**Original Color**  
7A6666

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
716A6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A6666 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 #7A6666 looks like.

```
.text, #text, p{  
    color:#7A6666  
}
```

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 #7A6666 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A6666
}
```

## Border

The CSS property to change the border of an element to Hex 7A6666 is called "border". The border property can be set on classes, ids or directly on the HTML element.

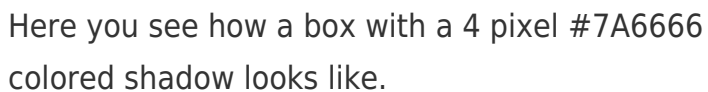
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A6666 }
```

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

```
.border{ border-color:#7A6666 }
```

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



Here you see how a box with a 4 pixel #7A6666 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A6666; -webkit-box-shadow:4px 4px  
4px 4px #7A6666; box-shadow:4px 4px 4px  
4px #7A6666 }
```

# Background

The CSS property to change the background color of an element to Hex 7A6666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A6666 }
```

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

```
.background{ background-color:#7A6666 }
```

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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