

# Converting Colors

Hex(7A7474)

Have a look what the booklet for  
Hex(7A7474) contains.

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# Color

Hex(7A7474)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A7474
RGB	122, 116, 116
RGB Percent	48%, 45%, 45%
CMY	0.5216, 0.5451, 0.5451
CMYK	0.00, 0.05, 0.05, 0.52
HSL	0°, 3%, 47%
HSV	0°, 5%, 48%
XYZ	17.4238, 17.8893, 19.0576
YIQ	117.7940, 3.5760, 1.2720

# Conversions

## Conversions Part 2

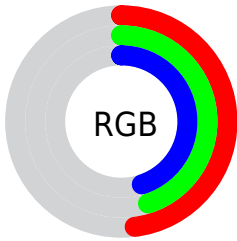
Format	Color
R <sub>Y</sub> B	122, 116, 116
Decimal	8025204
CIE Lab	49.36, 2.30, 0.82
CIE LCh	49, 2.445, 19.534
Yxy	17.8893, 0.3205, 0.3290
Android (android.graphics.Color)	4286215284 (0xFF7A7474)
YUV	117.7940, -0.8844, 3.6887
Hunter-Lab	42.2958, -0.4842, 2.8921

# Details

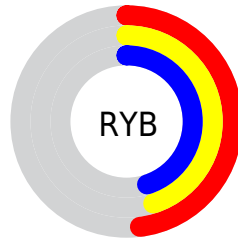
The Hex color **7A7474** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **747A7A**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **AEA8A8**, and **494444** is the 20% darker color. If you saturate the color by 10%, you get **7A6868**, and if you desaturate by 10%, it is **7A8080**.

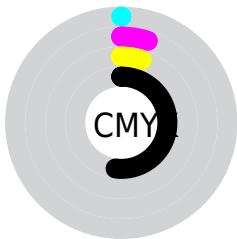
# Distribution



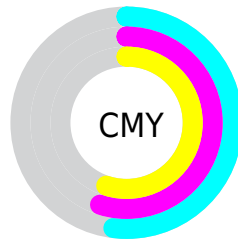
- Red (48%)
- Green (45%)
- Blue (45%)



- Red (48%)
- Yellow (45%)
- Blue (45%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (52%)



- Cyan (52%)
- Magenta (55%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A7474 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 7A7474 by changing the saturation by 10% instead.





7A7474



7A7474

FFFFFF



615B5B



AEA8A8



494444



CAC3C3



332E2E



E6DFDF



1E1919



FFFCFC



000000



7A7474



7A7474



7A6868



7A8080



7A5C5C



7A8C8C



7A4F4F



7A9999

 7A4343

 7AA5A5

 7A3737

 7AB1B1

 7A2B2B

 7ABDBD

 7A1F1F

 7AC9C9

 7A1212

 7AD6D6

 7A0606

 7AE2E2

# Harmonies

## Analogous

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



797476



7A7474



7A7472

# Triad

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



7A7474



737673



737679

# Complementary

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



7A7A7A



747A7A

# 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.



717678



7A7474



717774

# Square

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



7A7474



767671



707777



757579

# Rectangle

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



7A7474



797571



707777



727679



# Sweetspot

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



7A7474



9E9D9D



7A747A



4F4E4E



CFCFCF



4F4F4F



# Same Dimension

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



7A7474



9E9595



7A7774



3D3939



7D0000



FC0000



# Inverse Universe

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



747A7A



959E9E



74777A



393D3D



007D7D



00FCFC



# Previews

## White Background



This preview shows how the Hex color 7A7474 looks on a white background.

## Color Contrast Check

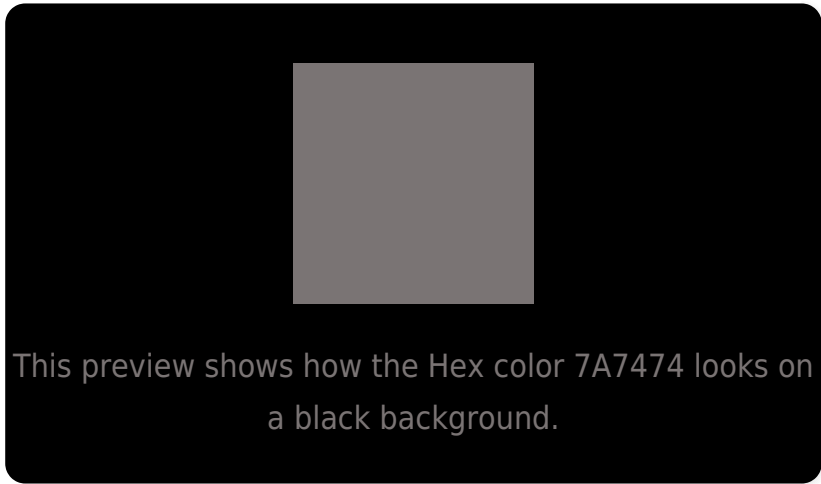
Large Text (above 18pt) WCAG AA ✓ Pass

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

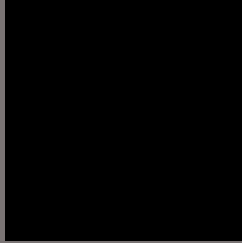
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7A7474 Background



This preview shows how black text looks on a background with the Hex color 7A7474.



This preview shows how white text looks on a background with the Hex color 7A7474.

# 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**

7A7474

**Protanopia**

787574

**Deuteranopia**

817274



**Tritanopia**  
7B737C

# Trichromacy



**Original Color**

7A7474

**Protanomaly**

797574

**Deuteranomaly**

7E7374

**Tritanomaly**

7B7379

# Monochromacy



**Original Color**

7A7474

**Achromatopsia**

767676

**Achromatomaly**

777575

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A7474 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 #7A7474 looks like.

```
.text, #text, p{  
    color:#7A7474  
}
```

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 #7A7474 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7474
}
```

## Border

The CSS property to change the border of an element to Hex 7A7474 is called "border". The border property can be set on classes, ids or directly on the HTML element.

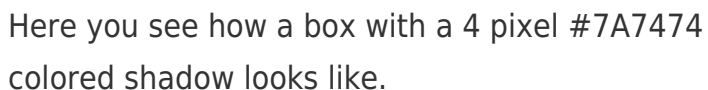
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A7474 }
```

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

```
.border{ border-color:#7A7474 }
```

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



Here you see how a box with a 4 pixel #7A7474 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A7474; -webkit-box-shadow:4px 4px  
4px 4px #7A7474; box-shadow:4px 4px 4px  
4px #7A7474 }
```

# Background

The CSS property to change the background color of an element to Hex 7A7474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7474 }
```

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

```
.background{ background-color:#7A7474 }
```

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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