

# Converting Colors

Hex(7F7274)

Have a look what the booklet for  
Hex(7F7274) contains.

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# Color

Hex(7F7274)

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 7F7274                    |
| RGB         | 127, 114, 116             |
| RGB Percent | 50%, 45%, 45%             |
| CMY         | 0.5020, 0.5529, 0.5451    |
| CMYK        | 0.00, 0.10, 0.09, 0.50    |
| HSL         | 351°, 5%, 47%             |
| HSV         | 351°, 10%, 50%            |
| XYZ         | 17.9221, 17.8076, 19.0156 |
| YIQ         | 118.1150, 7.1060, 3.3780  |

# Conversions

## Conversions Part 2

| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 127, 114, 116                |
| Decimal                             | 8352372                      |
| CIE <sub>Lab</sub>                  | 49.26, 5.42, 0.73            |
| CIE <sub>LCh</sub>                  | 49, 5.464, 7.655             |
| Yxy                                 | 17.8076, 0.3274,<br>0.3253   |
| Android<br>(android.graphics.Color) | 4286542452<br>(0xFF7F7274)   |
| YUV                                 | 118.1150, -1.0427,<br>7.7921 |
| Hunter-Lab                          | 42.1991, 1.9612,<br>2.8223   |

# Details

The Hex color **7F7274** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **727F7D**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **B4A6A8**, and **4E4244** is the 20% darker color. If you saturate the color by 10%, you get **7F6569**, and if you desaturate by 10%, it is **7F7F7F**.

# Distribution



Red (50%)

Green (45%)

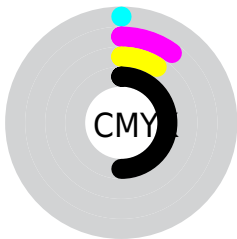
Blue (45%)



Red (50%)

Yellow (45%)

Blue (45%)



Cyan (0%)

Magenta (10%)

Yellow (9%)

Black (50%)



Cyan (50%)

Magenta (55%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F7274 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 7F7274 by changing the saturation by 10% instead.



 7F7274

 7F7274

FFFFFF

 665A5B

 B4A6A8

 4E4244

 CFC1C3

 372C2E

 ECDDDF

 211719

 FFF9FC

 060000

 000000

 7F7274

 7F7274

 7F6569

 7F7F7F

 7F595F

 7F8B89

 7F4C54

 7F9894

 7F3F49

 7FA59F

 7F333E

 7FB2AA

 7F2634

 7FBEB4

 7F1929

 7FCBBF

 7F0C1E

 7FD8CA

 7F0014

 7FE4D5

# Harmonies

## Analogous

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



7C7279



7F7274



7F7270

# Triad

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



7F7274



72776E



6D777D

# Complementary

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



7F7274



727F7D

# 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.



6A787B



7F7274



6D7871

# Square

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



7F7274



78756C



6A7876



72757E

# Rectangle

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



7F7274



7D736D



6A7876



6C777D



# Sweetspot

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



7F7274



A6A1A2



7D727F



545151



D4D4D4



545454



# Same Dimension

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



7F7274



A69295



7F7672



40393A



800014



000000



# Inverse Universe

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



7F7274



A69295



727B7F



40393A



800014



000000



# Previews

## White Background



This preview shows how the Hex color 7F7274 looks on a white background.

## Color Contrast Check

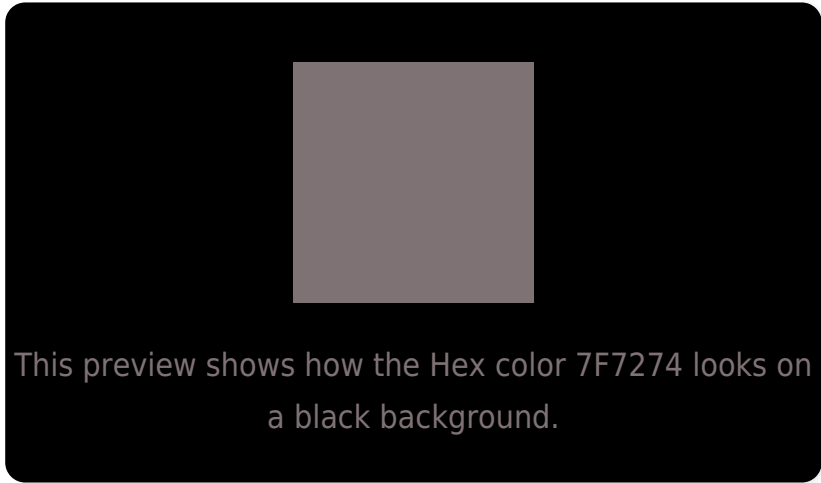
Large Text (above 18pt) WCAG AA ✓ Pass

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

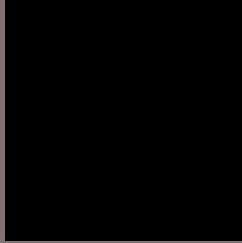
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7F7274 Background



This preview shows how black text looks on a background with the Hex color 7F7274.



This preview shows how white text looks on a background with the Hex color 7F7274.

# 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**

7F7274

**Protanopia**

777575

**Deuteranopia**

817174



**Tritanopia**  
80717A

# Trichromacy



**Original Color**

7F7274

**Protanomaly**

7A7475

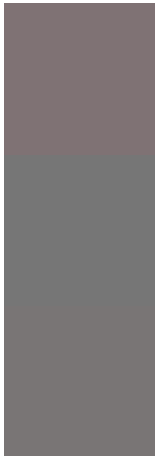
**Deuteranomaly**

807174

**Tritanomaly**

807178

# Monochromacy



**Original Color**

7F7274

**Achromatopsia**

767676

**Achromatomaly**

797575

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F7274 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 #7F7274 looks like.

```
.text, #text, p{  
    color:#7F7274  
}
```

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 #7F7274 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F7274
}
```

## Border

The CSS property to change the border of an element to Hex 7F7274 is called "border". The border property can be set on classes, ids or directly on the HTML element.

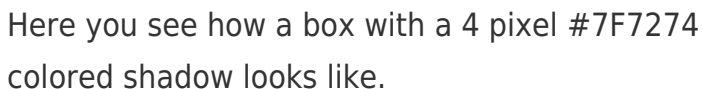
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F7274 }
```

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

```
.border{ border-color:#7F7274 }
```

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



Here you see how a box with a 4 pixel #7F7274 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F7274; -webkit-box-shadow:4px 4px  
4px 4px #7F7274; box-shadow:4px 4px 4px  
4px #7F7274 }
```

# Background

The CSS property to change the background color of an element to Hex 7F7274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F7274 }
```

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

```
.background{ background-color:#7F7274 }
```

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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