

# Converting Colors

Hex(797473)

Have a look what the booklet for  
Hex(797473) contains.

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# Color

Hex(797473)

# Conversions

## Conversions Part 1

Format	Color
Hex	797473
RGB	121, 116, 115
RGB Percent	47%, 45%, 45%
CMY	0.5255, 0.5451, 0.5490
CMYK	0.00, 0.04, 0.05, 0.53
HSL	10°, 3%, 46%
HSV	10°, 5%, 47%
XYZ	17.2251, 17.7935, 18.7463
YIQ	117.3810, 3.3010, 0.7490

# Conversions

## Conversions Part 2

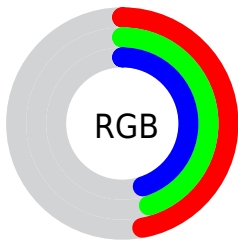
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 116, 115
Decimal	7959667
CIE <sub>Lab</sub>	49.24, 1.72, 1.23
CIE <sub>LCh</sub>	49, 2.116, 35.482
Yxy	17.7935, 0.3204, 0.3310
Android (android.graphics.Color)	4286149747 (0xFF797473)
YUV	117.3810, -1.1738, 3.1739
Hunter-Lab	42.1824, -0.9292, 3.1786

# Details

The Hex color **797473** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **737879**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **ADA8A7**, and **494443** is the 20% darker color. If you saturate the color by 10%, you get **796A67**, and if you desaturate by 10%, it is **797E7F**.

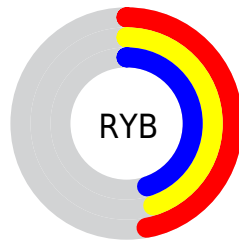
# Distribution



Red (47%)

Green (45%)

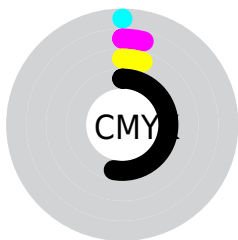
Blue (45%)



Red (47%)

Yellow (45%)

Blue (45%)

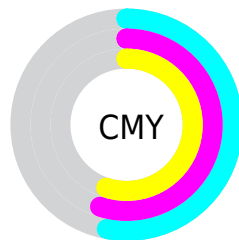


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (53%)



Cyan (53%)

Magenta (55%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 797473 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 797473 by changing the saturation by 10% instead.



■ 797473

■ 797473

FFFFFF

■ 605B5A

■ ADA8A7

■ 494443

■ C9C3C2

■ 322E2D

■ E5DFDE

■ 1D1918

■ FFFCFA

■ 000000

■ 797473

■ 797473

■ 796A67

■ 797E7F

■ 79605B

■ 79888B

■ 79564F

■ 799297

 794C43

 799CA3

 794237

 79A6B0

 79372A

 79B1BC

 792D1E

 79BBC8

 792312

 79C5D4

 791906

 79CFE0

# Harmonies

## Analogous

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



797475



797473



787472

# Triad

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



797473



727673



747579

# Complementary

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



797473



737879

# 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.



727678



797473



717675

# Square

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



797473



747672



717677



767478

# Rectangle

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



797473



777571



717677



737579



# Sweetspot

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



797473



9E9D9D



797378



4F4E4E



CFCFCF



4F4F4F



# Same Dimension

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



797473



9E9695



797773



3D3A39



7D1500



FC2A00



# Inverse Universe

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



737879



959D9E



737579



393C3D



00687D



00D2FC



# Previews

## White Background



This preview shows how the Hex color 797473 looks on a white background.

## Color Contrast Check

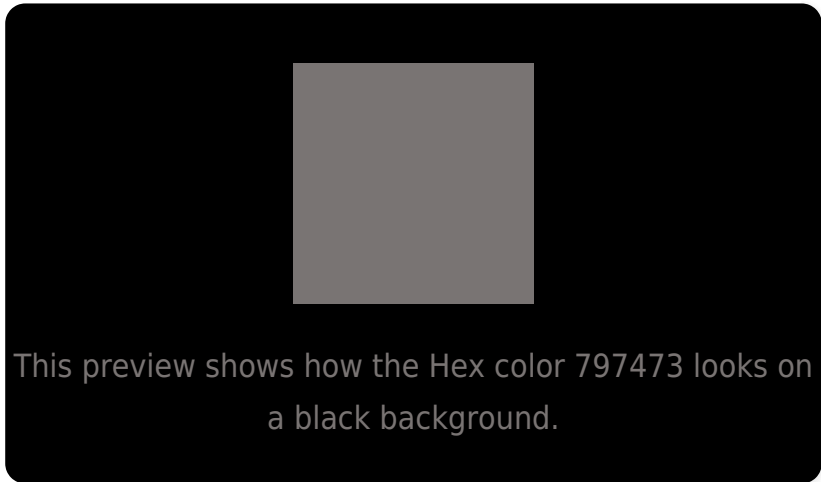
Large Text (above 18pt) WCAG AA ✓ Pass

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

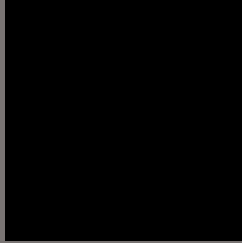
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

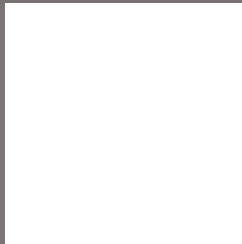
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 797473 Background



This preview shows how black text looks on a background with the Hex color 797473.



This preview shows how white text looks on a background with the Hex color 797473.

# 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**  
797473

**Protanopia**  
777473

**Deuteranopia**  
817174



**Tritanopia**  
7A737C

# Trichromacy



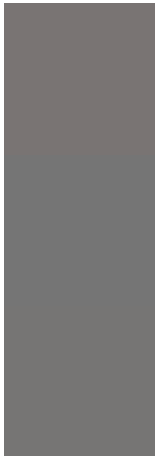
**Original Color**  
797473

**Protanomaly**  
787473

**Deuteranomaly**  
7E7274

**Tritanomaly**  
7A7379

# Monochromacy



**Original Color**  
797473

**Achromatopsia**  
757575

**Achromatomaly**  
767574

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 797473 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 #797473 looks like.

```
.text, #text, p{  
    color:#797473  
}
```

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 #797473 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #797473
}
```

## Border

The CSS property to change the border of an element to Hex 797473 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
#797473 }
```

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

```
.border{ border-color:#797473 }
```

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

Here you see how a box with a 4 pixel #797473 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #797473; -webkit-box-shadow:4px 4px  
4px 4px #797473; box-shadow:4px 4px 4px  
4px #797473 }
```

# Background

The CSS property to change the background color of an element to Hex 797473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#797473 }
```

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

```
.background{ background-color:#797473 }
```

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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