

# Converting Colors

Hex(797271)

Have a look what the booklet for  
Hex(797271) contains.

<b>Hex(797271)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(797271)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	797271
RGB	121, 114, 113
RGB Percent	47%, 45%, 44%
CMY	0.5255, 0.5529, 0.5569
CMYK	0.00, 0.06, 0.07, 0.53
HSL	8°, 3%, 46%
HSV	8°, 7%, 47%
XYZ	16.8831, 17.2918, 18.0706
YIQ	115.9790, 4.4930, 1.1730

# Conversions

## Conversions Part 2

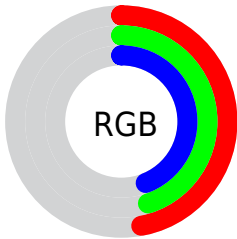
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 114, 113
Decimal	7959153
CIE Lab	48.63, 2.51, 1.51
CIE LCh	49, 2.929, 31.134
Yxy	17.2918, 0.3231, 0.3310
Android (android.graphics.Color)	4286149233 (0xFF797271)
YUV	115.9790, -1.4686, 4.4034
Hunter-Lab	41.5834, -0.2991, 3.3432

# Details

The Hex color **797271** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **717879**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **ADA6A5**, and **484241** is the 20% darker color. If you saturate the color by 10%, you get **796765**, and if you desaturate by 10%, it is **797D7D**.

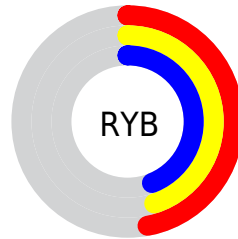
# Distribution



Red (47%)

Green (45%)

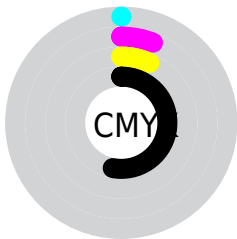
Blue (44%)



Red (47%)

Yellow (45%)

Blue (44%)

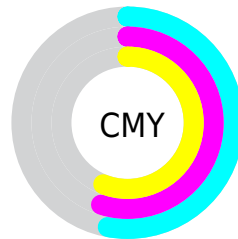


Cyan (0%)

Magenta (6%)

Yellow (7%)

Black (53%)



Cyan (53%)

Magenta (55%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 797271 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 797271 by changing the saturation by 10% instead.



■ 797271

■ 797271

FFFFFF

■ 605A59

■ ADA6A5

■ 484241

■ C9C1C0

■ 322C2B

■ E5DDDC

■ 1D1817

■ FFF9F8

■ 000000

■ 797271

■ 797271

■ 796765

■ 797D7D

■ 795D59

■ 798789

■ 79524D

■ 799295

 794841

 799CA1

 793D34

 79A7AD

 793228

 79B2BA

 79281C

 79BCC6

 791D10

 79C7D2

 791304

 79D1DE

# Harmonies

## Analogous

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



797273



797271



78736F

# Triad

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



797271



707571



717478

# Complementary

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



797271



717879

# 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.



6F7478



797271



6E7573

# Square

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



797271



73746F



6E7576



747378

# Rectangle

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



797271



76736F



6E7576



707478



# Sweetspot

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



797271



9E9B9B



797178



4F4E4D



CFCFCF



4F4F4F



# Same Dimension

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



797271



9E9391



797671



3D3837



7D1000



FC2000



# Inverse Universe

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



717879



919D9E



717479



373C3D



006D7D



00DDFC



# Previews

## White Background



This preview shows how the Hex color 797271 looks on a white background.

## Color Contrast Check

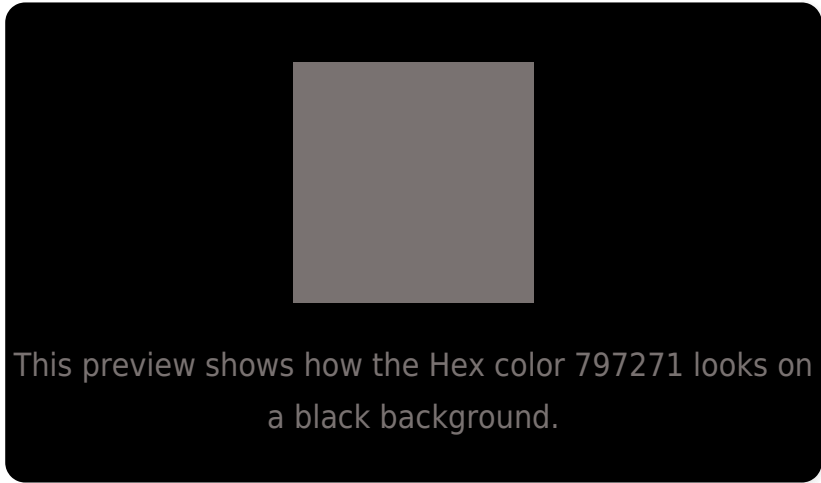
Large Text (above 18pt) WCAG AA ✓ Pass

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

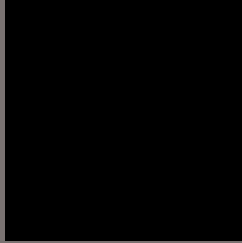
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 797271 Background



This preview shows how black text looks on a background with the Hex color 797271.



This preview shows how white text looks on a background with the Hex color 797271.

# 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**  
797271

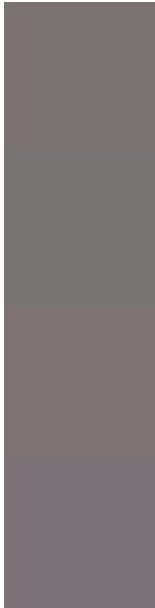
**Protanopia**  
767372

**Deuteranopia**  
7F7071



**Tritanopia**  
7A717A

# Trichromacy



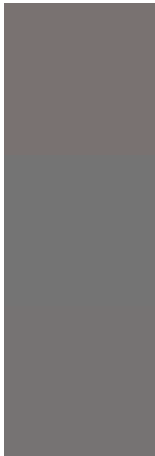
**Original Color**  
797271

**Protanomaly**  
777372

**Deuteranomaly**  
7D7171

**Tritanomaly**  
7A7177

# Monochromacy



**Original Color**  
797271

**Achromatopsia**  
747474

**Achromatomaly**  
767373

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 797271 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 #797271 looks like.

```
.text, #text, p{  
    color:#797271  
}
```

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 #797271 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #797271
}
```

## Border

The CSS property to change the border of an element to Hex 797271 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
#797271 }
```

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

```
.border{ border-color:#797271 }
```

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

Here you see how a box with a 4 pixel #797271 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #797271; -webkit-box-shadow:4px 4px  
4px 4px #797271; box-shadow:4px 4px 4px  
4px #797271 }
```

# Background

The CSS property to change the background color of an element to Hex 797271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#797271 }
```

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

```
.background{ background-color:#797271 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor