

Converting Colors

Hex(797777)

Have a look what the booklet for
Hex(797777) contains.

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Color

Hex(797777)

Conversions

Conversions Part 1

Format	Color
Hex	797777
RGB	121, 119, 119
RGB Percent	47%, 47%, 47%
CMY	0.5255, 0.5333, 0.5333
CMYK	0.00, 0.02, 0.02, 0.53
HSL	0°, 1%, 47%
HSV	0°, 2%, 47%
XYZ	17.8118, 18.5905, 20.1023
YIQ	119.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

Format	Color
RYB	121, 119, 119
Decimal	7960439
CIELab	50.20, 0.76, 0.26
CIELCh	50, 0.807, 19.028
Yxy	18.5905, 0.3152, 0.3290
Android (android.graphics.Color)	4286150519 (0xFF797777)
YUV	119.5980, -0.2948, 1.2296
Hunter-Lab	43.1167, -1.7149, 2.5389

Details

The Hex color **797777** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **777979**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **ADABAB**, and **494747** is the 20% darker color. If you saturate the color by 10%, you get **796B6B**, and if you desaturate by 10%, it is **798383**.

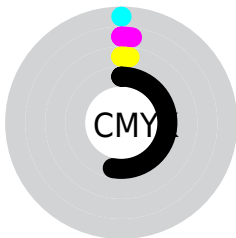
Distribution



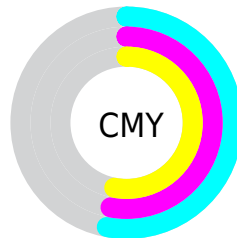
- Red (47%)
- Green (47%)
- Blue (47%)



- Red (47%)
- Yellow (47%)
- Blue (47%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (53%)



- Cyan (53%)
- Magenta (53%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 797777 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 797777 by changing the saturation by 10% instead.



797777



797777

FFFFFF



605E5E



ADABAB



494747



C9C6C6



323030



E5E2E2



1D1C1C



030000



000000



797777



797777



796B6B



798383



795F5F



798F8F

 795353

 799B9B

 794747

 79A7A7

 793B3B

 79B3B3

 792E2E

 79C0C0

 792222

 79CCCC

 791616

 79D8D8

 790A0A

 79E4E4

Harmonies

Analogous

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



797778



797777



797776

Triad

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



797777



777877



777879

Complementary

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



797777



777979

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.



767878



797777



767877

Square

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



797777



787876



767878



777779

Rectangle

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



797777



797776



767878



767879

Sweetspot

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



797777



9E9E9E



797779



4F4F4F



CFCFCF

Same Dimension

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



797777



9E9B9B



797877



3D3C3C



7D0000



FC0000

Inverse Universe

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



777979



9B9E9E



777879



3C3D3D



007D7D



00FCFC

Previews

White Background



This preview shows how the Hex color 797777 looks on a white background.

Color Contrast Check

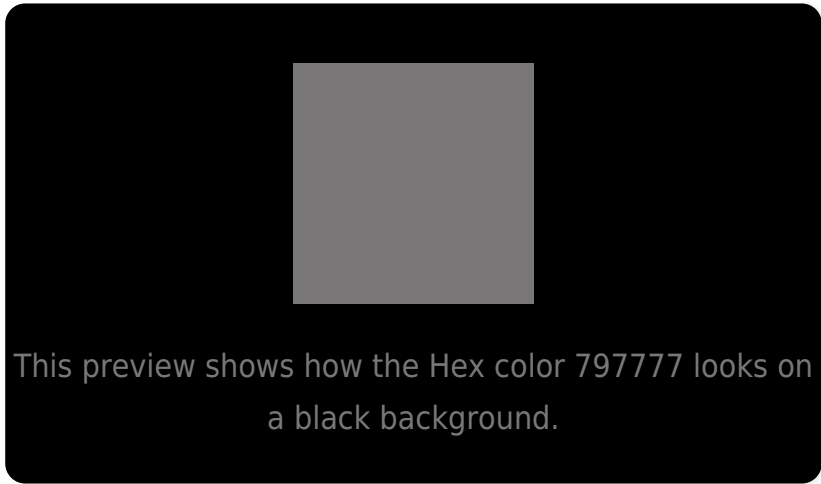
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

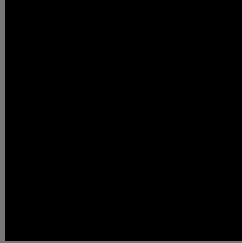
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

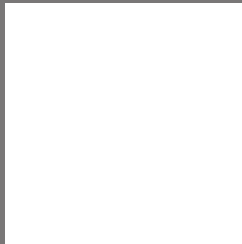
Any Text WCAG AAA × Fail

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

Hex 797777 Background



This preview shows how black text looks on a background with the Hex color 797777.



This preview shows how white text looks on a background with the Hex color 797777.

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
797777

Protanopia
7A7777

Deuteranopia
837478



Tritanopia
7A767F

Trichromacy



Original Color

797777

Protanomaly

7A7777

Deuteranomaly

7F7578

Tritanomaly

7A767C

Monochromacy



Original Color

797777

Achromatopsia

787878

Achromatomaly

787878

CSS Examples

Text

The CSS property to change the color of the text to Hex 797777 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 #797777 looks like.

```
.text, #text, p{  
    color:#797777  
}
```

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 #797777 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #797777
}
```

Border

The CSS property to change the border of an element to Hex 797777 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
#797777 }
```

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

```
.border{ border-color:#797777 }
```

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

Here you see how a box with a 4 pixel #797777 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #797777; -webkit-box-shadow:4px 4px  
4px 4px #797777; box-shadow:4px 4px 4px  
4px #797777 }
```

Background

The CSS property to change the background color of an element to Hex 797777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#797777 }
```

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

```
.background{ background-color:#797777 }
```

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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