

Converting Colors

Hex(797D77)

Have a look what the booklet for
Hex(797D77) contains.

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Color

Hex(797D77)

Conversions

Conversions Part 1

Format	Color
Hex	797D77
RGB	121, 125, 119
RGB Percent	47%, 49%, 47%
CMY	0.5255, 0.5098, 0.5333
CMYK	0.03, 0.00, 0.05, 0.51
HSL	100°, 2%, 48%
HSV	100°, 5%, 49%
XYZ	18.5485, 20.0641, 20.3479
YIQ	123.1200, -0.4580, -2.7140

Conversions

Conversions Part 2

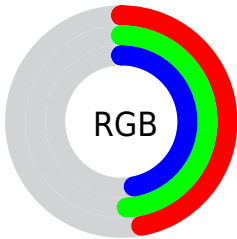
Format	Color
RYP	119, 125, 123
Decimal	7961975
CIELab	51.91, -2.69, 2.74
CIElCh	52, 3.843, 134.511
Yxy	20.0641, 0.3146, 0.3403
Android (android.graphics.Color)	4286152055 (0xFF797D77)
YUV	123.1200, -2.0312, -1.8592
Hunter-Lab	44.7930, -4.4717, 4.4217

Details

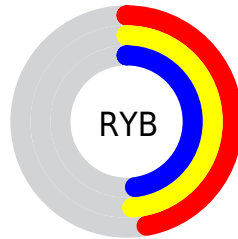
The Hex color **797D77** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7B777D**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **ADB2AB**, and **494C47** is the 20% darker color. If you saturate the color by 10%, you get **717D6B**, and if you desaturate by 10%, it is **817D84**.

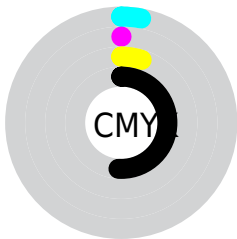
Distribution



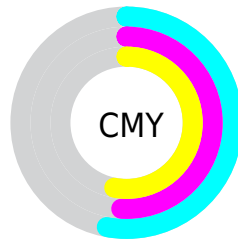
- Red (47%)
- Green (49%)
- Blue (47%)



- Red (47%)
- Yellow (49%)
- Blue (48%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (51%)



- Cyan (53%)
- Magenta (51%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 797D77 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 797D77 by changing the saturation by 10% instead.



797D77



797D77

FFFFFF



60645E



ADB2AB



494C47



C9CDC6



323630



E5E9E2



1D201C



030900



000000



797D77



797D77



717D6B



817D84



687D5E



8A7D90

607D52

927D9C

587D45

9A7DA9

4F7D39

A37DB5

477D2C

AB7DC2

3F7D1F

B37DCF

367D13

BC7DDB

2E7D07

C47DE7

Harmonies

Analogous

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



7D7C75



797D77



767E7A

Triad

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



797D77



777D82



837A7A

Complementary

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



797D77



7B777D

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.



827A7E



797D77



7A7B82

Square

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



797D77



747D80



7E7A80



837A77

Rectangle

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



797D77



747E7C



7E7A80



837A7B

Sweetspot

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



797D77



A2A3A2



7D7B77



515251



D1D1D1



525252

Same Dimension

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



797D77



9DA399



777D78



3D403B



2A8000



000000

Inverse Universe

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



7B777D



A099A3



7D777C



3E3B40



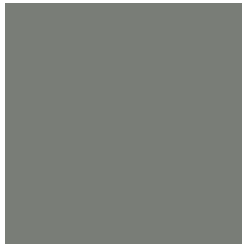
550080



000000

Previews

White Background



This preview shows how the Hex color 797D77 looks on a white background.

Color Contrast Check

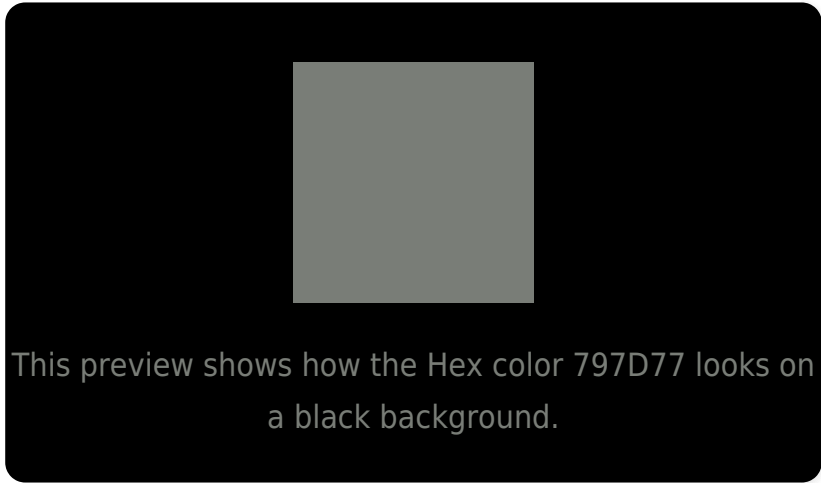
Large Text (above 18pt) WCAG AA ✓ Pass

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

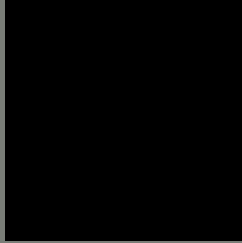
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

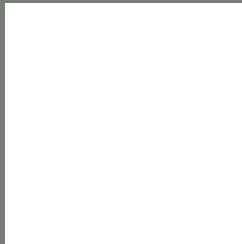
Any Text WCAG AAA × Fail

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

Hex 797D77 Background



This preview shows how black text looks on a background with the Hex color 797D77.



This preview shows how white text looks on a background with the Hex color 797D77.

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
797D77

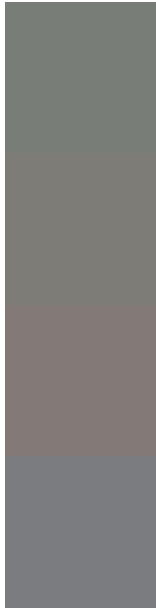
Protanopia
7F7B76

Deuteranopia
897878



Tritanopia
7B7B85

Trichromacy



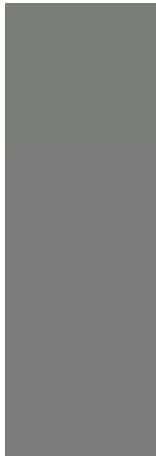
Original Color
797D77

Protanomaly
7D7C76

Deuteranomaly
837A78

Tritanomaly
7A7C80

Monochromacy



Original Color
797D77

Achromatopsia
7B7B7B

Achromatomaly
7A7C7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 797D77 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 #797D77 looks like.

```
.text, #text, p{  
    color:#797D77  
}
```

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 #797D77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #797D77
}
```

Border

The CSS property to change the border of an element to Hex 797D77 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
#797D77 }
```

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

```
.border{ border-color:#797D77 }
```

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

Here you see how a box with a 4 pixel #797D77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #797D77; -webkit-box-shadow:4px 4px  
4px 4px #797D77; box-shadow:4px 4px 4px  
4px #797D77 }
```

Background

The CSS property to change the background color of an element to Hex 797D77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#797D77 }
```

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

```
.background{ background-color:#797D77 }
```

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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