

Converting Colors

Hex(7C6767)

Have a look what the booklet for
Hex(7C6767) contains.

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Color

Hex(7C6767)

Conversions

Conversions Part 1

Format	Color
Hex	7C6767
RGB	124, 103, 103
RGB Percent	49%, 40%, 40%
CMY	0.5137, 0.5961, 0.5961
CMYK	0.00, 0.17, 0.17, 0.51
HSL	0°, 9%, 45%
HSV	0°, 17%, 49%
XYZ	15.6106, 14.9649, 14.8977
YIQ	109.2790, 12.5160, 4.4520

Conversions

Conversions Part 2

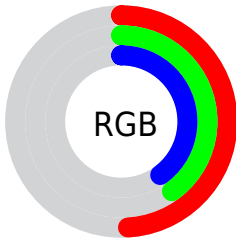
Format	Color
R_{YB}	124, 103, 103
Decimal	8152935
CIE Lab	45.59, 8.36, 3.12
CIE LCh	46, 8.927, 20.488
Yxy	14.9649, 0.3433, 0.3291
Android (android.graphics.Color)	4286343015 (0xFF7C6767)
YUV	109.2790, -3.0955, 12.9103
Hunter-Lab	38.6844, 4.3336, 4.2460

Details

The Hex color **7C6767** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **677C7C**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **B19A9A**, and **4B3838** is the 20% darker color. If you saturate the color by 10%, you get **7C5B5B**, and if you desaturate by 10%, it is **7C7373**.

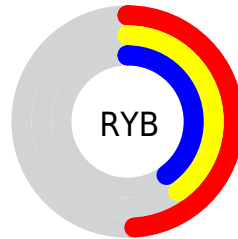
Distribution



Red (49%)

Green (40%)

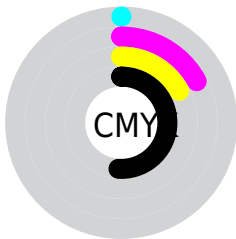
Blue (40%)



Red (49%)

Yellow (40%)

Blue (40%)

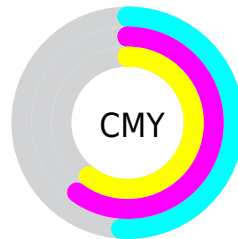


Cyan (0%)

Magenta (17%)

Yellow (17%)

Black (51%)



Cyan (51%)

Magenta (60%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C6767 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 7C6767 by changing the saturation by 10% instead.



7C6767



7C6767

FFFFFF



634F4F



B19A9A



4B3838



CCB5B5



342323



E9D0D0



1F0D0D



FFEDED



000000



7C6767



7C6767



7C5B5B



7C7373



7C4E4E



7C8080



7C4242



7C8C8C

 7C3535

 7C9999

 7C2929

 7CA5A5

 7C1D1D

 7CB1B1

 7C1010

 7CBEBE

 7C0404

 7CCACA

 7C0000

 7CD7D7

Harmonies

Analogous

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



7A676F



7C6767



7A6861

Triad

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



7C6767



646F62



616D7A

Complementary

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



7C6767



677C7C

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.



5B6F77



7C6767



5D7069

Square

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



7C6767



6C6D5E



597071



6A6B7A

Rectangle

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



7C6767



776A5E



597071



5F6E7A

Sweetspot

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



7C6767



A19999



7C677C



524D4D



D1D1D1



525252

Same Dimension

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



7C6767



A18181



7C7267



3D3737



7D0000



FC0000

Inverse Universe

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



677C7C



81A1A1



67727C



373D3D



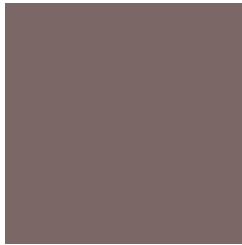
007D7D



00FCFC

Previews

White Background



This preview shows how the Hex color 7C6767 looks on a white background.

Color Contrast Check

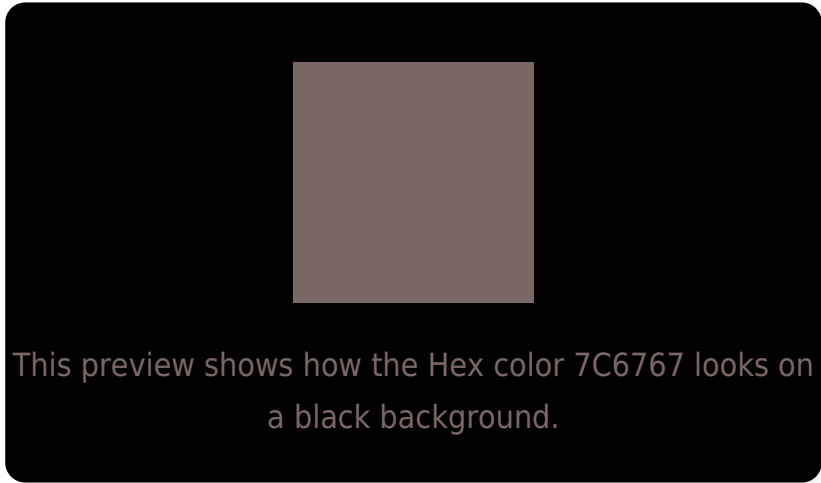
Large Text (above 18pt) WCAG AA ✓ Pass

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

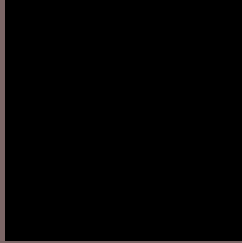
Any Text WCAG AA × Fail

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 7C6767 Background



This preview shows how black text looks on a background with the Hex color 7C6767.

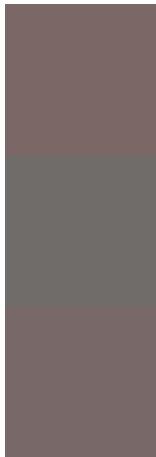


This preview shows how white text looks on a background with the Hex color 7C6767.

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
7C6767

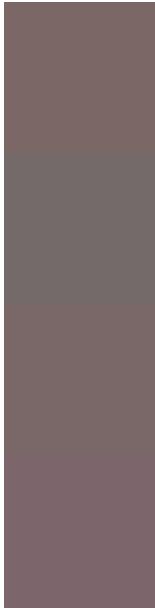
Protanopia
6F6C6A

Deuteranopia
786867



Tritanopia
7D666E

Trichromacy



Original Color

7C6767

Protanomaly

746A69

Deuteranomaly

796867

Tritanomaly

7D666B

Monochromacy



Original Color

7C6767

Achromatopsia

6D6D6D

Achromatomaly

726B6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C6767 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 #7C6767 looks like.

```
.text, #text, p{  
    color:#7C6767  
}
```

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 #7C6767 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C6767
}
```

Border

The CSS property to change the border of an element to Hex 7C6767 is called "border". The border property can be set on classes, ids or directly on the HTML element.

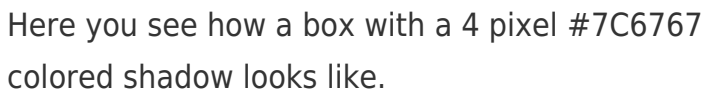
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7C6767 }
```

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

```
.border{ border-color:#7C6767 }
```

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



Here you see how a box with a 4 pixel `#7C6767` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C6767; -webkit-box-shadow:4px 4px  
4px 4px #7C6767; box-shadow:4px 4px 4px  
4px #7C6767 }
```

Background

The CSS property to change the background color of an element to Hex 7C6767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C6767 }
```

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

```
.background{ background-color:#7C6767 }
```

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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