

Converting Colors

Hex(7F6868)

Have a look what the booklet for
Hex(7F6868) contains.

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Color

Hex(7F6868)

Conversions

Conversions Part 1

Format	Color
Hex	7F6868
RGB	127, 104, 104
RGB Percent	50%, 41%, 41%
CMY	0.5020, 0.5922, 0.5922
CMYK	0.00, 0.18, 0.18, 0.50
HSL	0°, 10%, 45%
HSV	0°, 18%, 50%
XYZ	16.2014, 15.4121, 15.2176
YIQ	110.8770, 13.7080, 4.8760

Conversions

Conversions Part 2

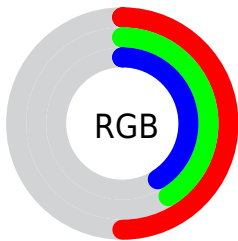
Format	Color
R_{YB}	127, 104, 104
Decimal	8349800
CIE Lab	46.19, 9.15, 3.44
CIE LCh	46, 9.780, 20.591
Yxy	15.4121, 0.3460, 0.3291
Android (android.graphics.Color)	4286539880 (0xFF7F6868)
YUV	110.8770, -3.3904, 14.1399
Hunter-Lab	39.2583, 4.9627, 4.4983

Details

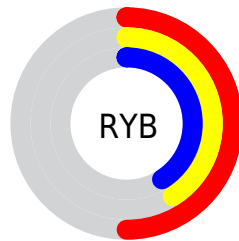
The Hex color **7F6868** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **687F7F**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **B49B9B**, and **4D3939** is the 20% darker color. If you saturate the color by 10%, you get **7F5B5B**, and if you desaturate by 10%, it is **7F7575**.

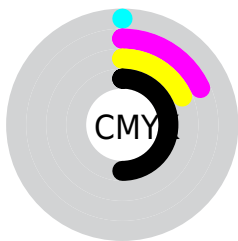
Distribution



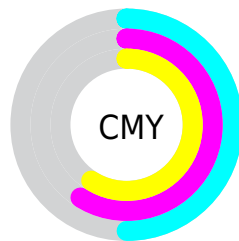
- Red (50%)
- Green (41%)
- Blue (41%)



- Red (50%)
- Yellow (41%)
- Blue (41%)



- Cyan (0%)
- Magenta (18%)
- Yellow (18%)
- Black (50%)



- Cyan (50%)
- Magenta (59%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F6868 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 7F6868 by changing the saturation by 10% instead.



7F6868



7F6868

FFFFFF



665050



B49B9B



4D3939



D0B6B6



362324



ECD2D1



210F0E



FFEEEE



000000



7F6868



7F6868



7F5B5B



7F7575



7F4F4F



7F8181



7F4242



7F8E8E

 7F3535

 7F9B9B

 7F2929

 7FA8A8

 7F1C1C

 7FB4B4

 7F0F0F

 7FC1C1

 7F0202

 7FCECE

 7F0000

 7FDADA

Harmonies

Analogous

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



7D6870



7F6868



7D6961

Triad

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



7F6868



657163



626F7D

Complementary

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



7F6868



687F7F

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.



5A717A



7F6868



5D726A

Square

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



7F6868



6E6F5E



597273



6C6C7D

Rectangle

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



7F6868



796B5E



597273



5F707D

Sweetspot

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



7F6868



A69D9D



7F687F



544F4F



D4D4D4



545454

Same Dimension

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



7F6868



A68181



7F7468



403939



800000



000000

Inverse Universe

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



687F7F



81A6A6



68747F



394040



008080



000000

Previews

White Background



This preview shows how the Hex color 7F6868 looks on a white background.

Color Contrast Check

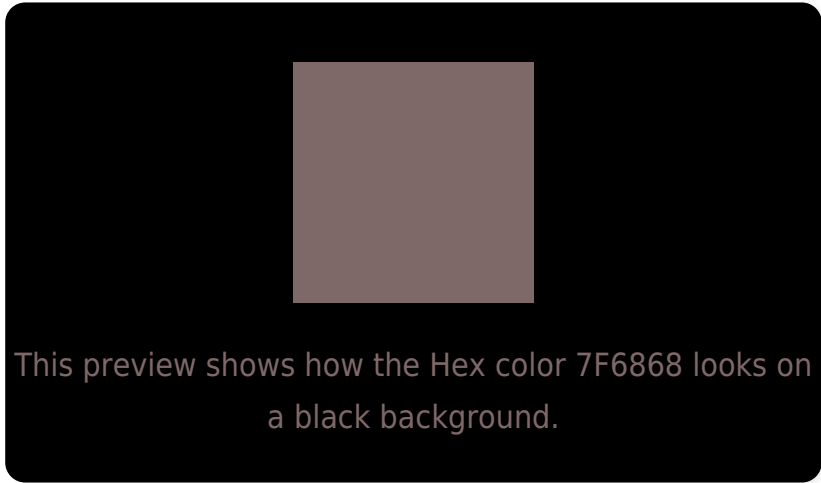
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F6868 Background



This preview shows how black text looks on a background with the Hex color 7F6868.



This preview shows how white text looks on a background with the Hex color 7F6868.

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


7F6868

Protanopia

706D6B

Deuteranopia

7A6A68



Tritanopia
80676F

Trichromacy



Original Color
7F6868

Protanomaly
756B6A

Deuteranomaly
7C6968

Tritanomaly
80676C

Monochromacy



Original Color
7F6868

Achromatopsia
6F6F6F

Achromatomaly
756C6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F6868 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 #7F6868 looks like.

```
.text, #text, p{  
    color:#7F6868  
}
```

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 #7F6868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F6868
}
```

Border

The CSS property to change the border of an element to Hex 7F6868 is called "border". The border property can be set on classes, ids or directly on the HTML element.

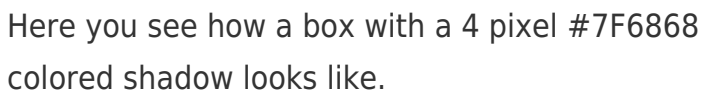
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F6868 }
```

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

```
.border{ border-color:#7F6868 }
```

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



Here you see how a box with a 4 pixel #7F6868 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F6868; -webkit-box-shadow:4px 4px  
4px 4px #7F6868; box-shadow:4px 4px 4px  
4px #7F6868 }
```

Background

The CSS property to change the background color of an element to Hex 7F6868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F6868 }
```

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

```
.background{ background-color:#7F6868 }
```

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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