

# Converting Colors

Hex(7F6767)

Have a look what the booklet for  
Hex(7F6767) contains.

<b>Hex(7F6767)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(7F6767)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F6767
RGB	127, 103, 103
RGB Percent	50%, 40%, 40%
CMY	0.5020, 0.5961, 0.5961
CMYK	0.00, 0.19, 0.19, 0.50
HSL	0°, 10%, 45%
HSV	0°, 19%, 50%
XYZ	16.0508, 15.1918, 14.9183
YIQ	110.1760, 14.3040, 5.0880

# Conversions

## Conversions Part 2

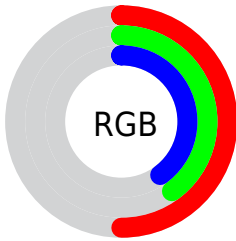
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	127, 103, 103
Decimal	8349543
CIE Lab	45.90, 9.58, 3.61
CIE LCh	46, 10.235, 20.659
Yxy	15.1918, 0.3477, 0.3291
Android (android.graphics.Color)	4286539623 (0xFF7F6767)
YUV	110.1760, -3.5378, 14.7546
Hunter-Lab	38.9767, 5.2983, 4.5904

# Details

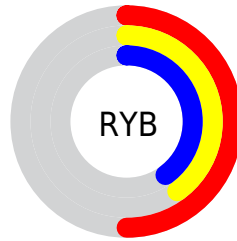
The Hex color **7F6767** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **677F7F**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B49A9A**, and **4D3838** is the 20% darker color. If you saturate the color by 10%, you get **7F5A5A**, and if you desaturate by 10%, it is **7F7474**.

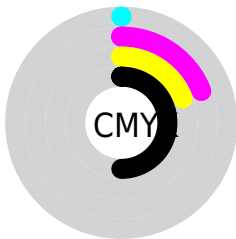
# Distribution



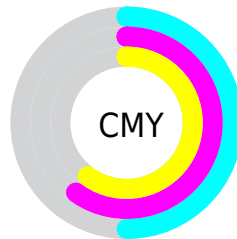
- Red (50%)
- Green (40%)
- Blue (40%)



- Red (50%)
- Yellow (40%)
- Blue (40%)



- Cyan (0%)
- Magenta (19%)
- Yellow (19%)
- Black (50%)



- Cyan (50%)
- Magenta (60%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F6767 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 7F6767 by changing the saturation by 10% instead.





7F6767



7F6767

FFFFFF



664F4F



B49A9A



4D3838



D0B5B5



362223



ECD1D0



210D0D



FFEDED



000000



7F6767



7F6767



7F5A5A



7F7474



7F4E4E



7F8080



7F4141



7F8D8D

 7F3434

 7F9A9A

 7F2828

 7FA6A6

 7F1B1B

 7FB3B3

 7F0E0E

 7FC0C0

 7F0101

 7FCDCD

 7F0000

 7FD9D9

# Harmonies

## Analogous

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



7C6770



7F6767



7D6960

# Triad

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



7F6767



637062



606E7D

# Complementary

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



7F6767



677F7F

# 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.



59707A



7F6767



5B726A

# Square

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



7F6767



6D6E5D



577272



6B6B7D

# Rectangle

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



7F6767



796A5D



577272



5D6F7D



# Sweetspot

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



7F6767



A69C9C



7F677F



544E4E



D4D4D4



545454



# Same Dimension

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



7F6767



A68080



7F7367



403939



800000



000000



# Inverse Universe

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



677F7F



80A6A6



67737F



394040



008080



000000



# Previews

## White Background



This preview shows how the Hex color 7F6767 looks on a white background.

## Color Contrast Check

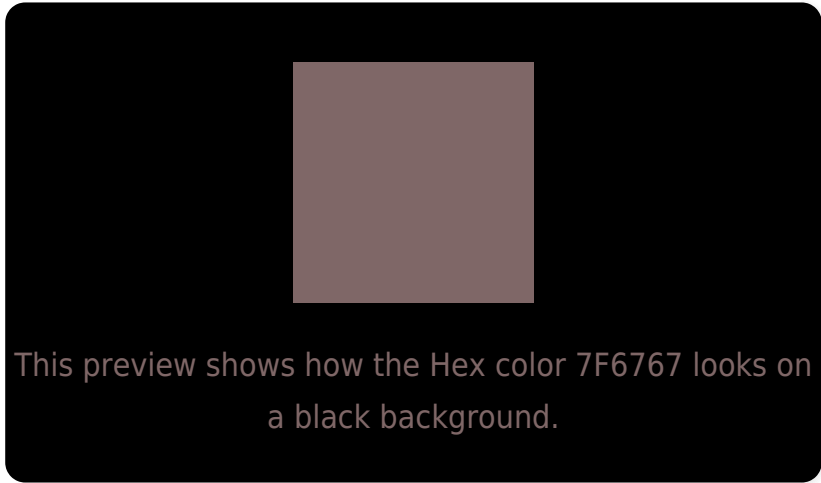
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F6767 Background



This preview shows how black text looks on a background with the Hex color 7F6767.



This preview shows how white text looks on a background with the Hex color 7F6767.

# 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**


7F6767

**Protanopia**

6F6C6A

**Deuteranopia**

7A6967



**Tritanopia**  
80666E

# Trichromacy



**Original Color**

7F6767

**Protanomaly**

756A69

**Deuteranomaly**

7C6867

**Tritanomaly**

80666B

# Monochromacy



**Original Color**

7F6767

**Achromatopsia**

6E6E6E

**Achromatomaly**

746B6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F6767 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 #7F6767 looks like.

```
.text, #text, p{  
    color:#7F6767  
}
```

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 #7F6767 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F6767
}
```

## Border

The CSS property to change the border of an element to Hex 7F6767 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
#7F6767 }
```

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

```
.border{ border-color:#7F6767 }
```

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

Here you see how a box with a 4 pixel #7F6767 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F6767; -webkit-box-shadow:4px 4px  
4px 4px #7F6767; box-shadow:4px 4px 4px  
4px #7F6767 }
```

# Background

The CSS property to change the background color of an element to Hex 7F6767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F6767 }
```

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

```
.background{ background-color:#7F6767 }
```

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