

# Converting Colors

Hex(777168)

Have a look what the booklet for  
Hex(777168) contains.

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# Color

**Hex(777168)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	777168
RGB	119, 113, 104
RGB Percent	47%, 44%, 41%
CMY	0.5333, 0.5569, 0.5922
CMYK	0.00, 0.05, 0.13, 0.53
HSL	36°, 7%, 44%
HSV	36°, 13%, 47%
XYZ	16.0116, 16.7317, 15.4823
YIQ	113.7680, 6.4650, -1.5270

# Conversions

## Conversions Part 2

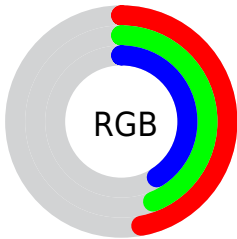
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 119, 104
Decimal	7827816
CIE <sub>Lab</sub>	47.92, 0.63, 5.82
CIE <sub>LCh</sub>	48, 5.852, 83.860
Yxy	16.7317, 0.3320, 0.3469
Android (android.graphics.Color)	4286017896 (0xFF777168)
YUV	113.7680, -4.8156, 4.5885
Hunter-Lab	40.9044, -1.7108, 6.1917

# Details

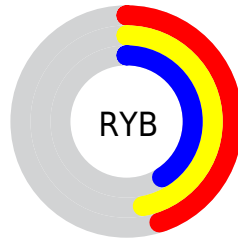
The Hex color **777168** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **686E77**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **ABA59B**, and **474139** is the 20% darker color. If you saturate the color by 10%, you get **776C5C**, and if you desaturate by 10%, it is **777674**.

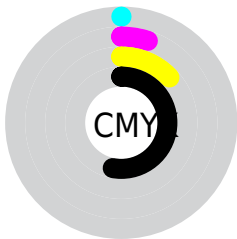
# Distribution



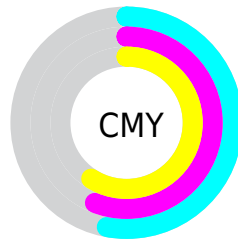
- Red (47%)
- Green (44%)
- Blue (41%)



- Red (45%)
- Yellow (47%)
- Blue (41%)



- Cyan (0%)
- Magenta (5%)
- Yellow (13%)
- Black (53%)



- Cyan (53%)
- Magenta (56%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 777168 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 777168 by changing the saturation by 10% instead.



■ 777168

■ 777168

FFFFFF

■ 5E5950

■ ABA59B

■ 474139

■ C7C0B6

■ 302B24

■ E3DCD1

■ 1C170E

■ FFF8EE

■ 000000

■ 777168

■ 777168

■ 776C5C

■ 777674

■ 776750

■ 777B80

■ 776344

■ 777F8C

■ 775E38

■ 778498

■ 77592D

■ 7789A3

■ 775421

■ 778EAF

■ 775015

■ 7792BB

■ 774B09

■ 7797C7

■ 774700

■ 779CD3

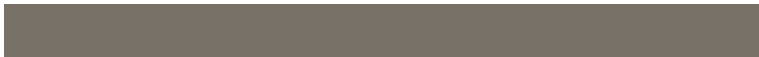
# Harmonies

## Analogous

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



7B706A



777168



727369

# Triad

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



777168



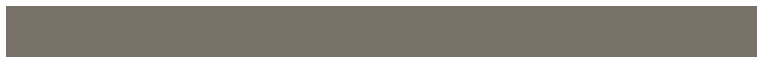
667575



776F78

# Complementary

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



777168



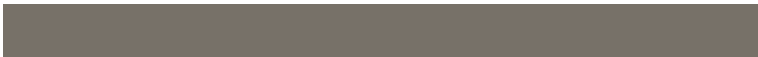
686E77

# 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.



72717B



777168



677479

# Square

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



777168



677570



6C727B



7B6F73

# Rectangle

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



777168



6E746B



6C727B



767079



# Sweetspot

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



777168



9C9995



77686E



4F4D4B



CFCFCF



4F4F4F



# Same Dimension

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



777168



9C9284



767768



3B3835



7A4900



FA9600



# Inverse Universe

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



686E77



848E9C



696877



35373B



00317A

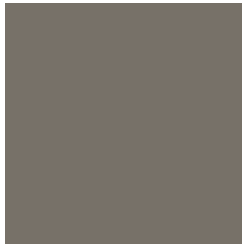


0064FA



# Previews

## White Background



This preview shows how the Hex color 777168 looks on a white background.

## Color Contrast Check

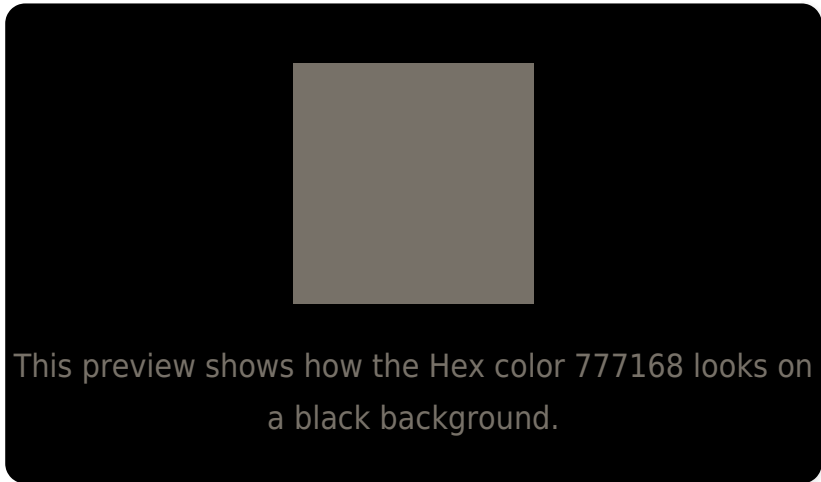
Large Text (above 18pt) WCAG AA ✓ Pass

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

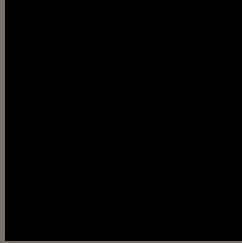
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 777168 Background



This preview shows how black text looks on a background with the Hex color 777168.

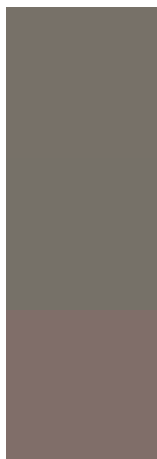


This preview shows how white text looks on a background with the Hex color 777168.

# 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**

777168

**Protanopia**

767168

**Deuteranopia**

806E69



**Tritanopia**  
796F77

# Trichromacy



**Original Color**

777168

**Protanomaly**

767168

**Deuteranomaly**

7D6F69

**Tritanomaly**

787072

# Monochromacy



**Original Color**

777168

**Achromatopsia**

727272

**Achromatomaly**

74726E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 777168 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 #777168 looks like.

```
.text, #text, p{  
    color:#777168  
}
```

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 #777168 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #777168  
}
```

## Border

The CSS property to change the border of an element to Hex 777168 is called "border". The border property can be set on classes, ids or directly on the HTML element.

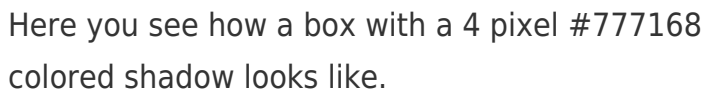
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#777168 }
```

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

```
.border{ border-color:#777168 }
```

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



Here you see how a box with a 4 pixel `#777168` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #777168; -webkit-box-shadow:4px 4px  
4px 4px #777168; box-shadow:4px 4px 4px  
4px #777168 }
```

# Background

The CSS property to change the background color of an element to Hex 777168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#777168 }
```

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

```
.background{ background-color:#777168 }
```

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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