

# Converting Colors

Hex(771F48)

Have a look what the booklet for  
Hex(771F48) contains.

<b>Hex(771F48)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(771F48)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	771F48
RGB	119, 31, 72
RGB Percent	47%, 12%, 28%
CMY	0.5333, 0.8784, 0.7176
CMYK	0.00, 0.74, 0.39, 0.53
HSL	332°, 59%, 29%
HSV	332°, 74%, 47%
XYZ	9.2674, 5.3698, 6.6789
YIQ	61.9860, 39.2870, 31.4070

# Conversions

## Conversions Part 2

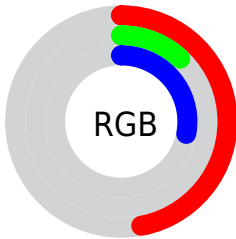
Format	Color
<b>RYB</b>	119, 31, 72
Decimal	7806792
CIELab	27.76, 41.50, -3.42
CIELCh	28, 41.638, 355.286
Yxy	5.3698, 0.4348, 0.2519
Android (android.graphics.Color)	4285996872 (0xFF771F48)
YUV	61.9860, 4.9369, 50.0013
Hunter-Lab	23.1728, 30.8346, -0.8677

# Details

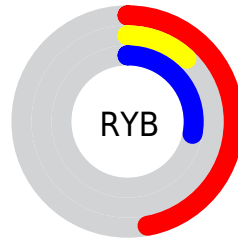
The Hex color **771F48** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1F774E**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **AE5378**, and **42001D** is the 20% darker color. If you saturate the color by 10%, you get **771342**, and if you desaturate by 10%, it is **772B4E**.

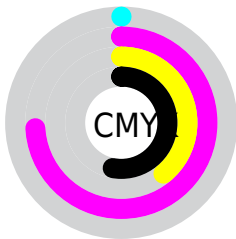
# Distribution



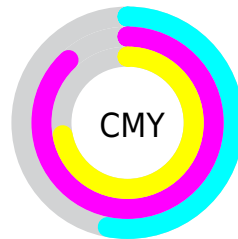
- Red (47%)
- Green (12%)
- Blue (28%)



- Red (47%)
- Yellow (12%)
- Blue (28%)



- Cyan (0%)
- Magenta (74%)
- Yellow (39%)
- Black (53%)



- Cyan (53%)
- Magenta (88%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 771F48 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 771F48 by changing the saturation by 10% instead.



■ 771F48

■ 771F48

FFFFFF

■ 5C0032

■ AE5378

■ 42001D

■ CB6D92

■ 2C0001

■ E887AD

■ 000000

■ FFA3C8

■ FFBEE4

■ FFDBFF

■ FFF8FF

■ 771F48

■ 771F48

■ 771342

■ 772B4E

■ 77073B

■ 773755

■ 770037

■ 77435B

■ 774F61

■ 775B68

■ 77666E

■ 777274

■ 777E7B

■ 778A81

# Harmonies

## Analogous

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



632C66



771F48



792328

# Triad

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



771F48



364800



004D76

# Complementary

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



771F48



1F774E

# 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.



00505C



771F48



004D1A

# Square

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



771F48



553E00



00503B



004782

# Rectangle

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



771F48



712C15



00503B



004F6F



# Sweetspot

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



771F48



9C7989



4E1F77



4F3A44



CFCFCF



4F4F4F



# Same Dimension

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



771F48



9C1152



77221F



3B3538



7A0039



FA0074



# Inverse Universe

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



771F48



9C1152



1F7477



3B3538



7A0039

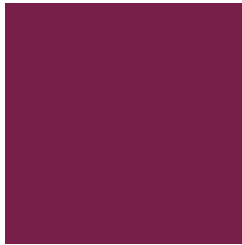


FA0074



# Previews

## White Background



This preview shows how the Hex color 771F48 looks on a white background.

## Color Contrast Check

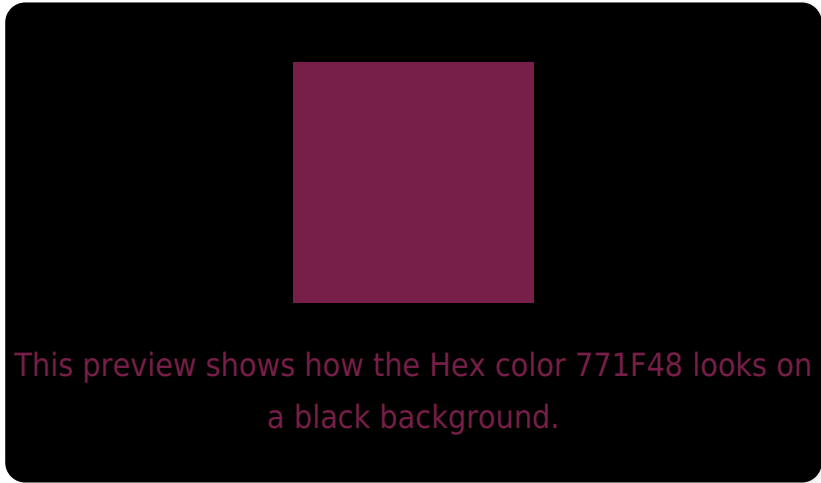
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

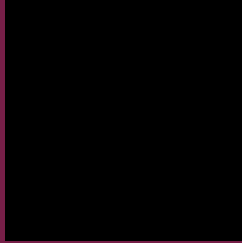
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 771F48 Background



This preview shows how black text looks on a background with the Hex color 771F48.



This preview shows how white text looks on a background with the Hex color 771F48.

# 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**  
771F48

**Protanopia**  
3A425E

**Deuteranopia**  
494144



# Trichromacy



**Original Color**  
771F48

**Protanomaly**  
503556

**Deuteranomaly**  
5A3545

**Tritanomaly**  
762434

# Monochromacy



**Original Color**  
771F48

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
533342

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 771F48 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 #771F48 looks like.

```
.text, #text, p{  
    color:#771F48  
}
```

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 #771F48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #771F48  
}
```

## Border

The CSS property to change the border of an element to Hex 771F48 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  
#771F48 }
```

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

```
.border{ border-color:#771F48 }
```

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

Here you see how a box with a 4 pixel #771F48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #771F48; -webkit-box-shadow:4px 4px  
4px 4px #771F48; box-shadow:4px 4px 4px  
4px #771F48 }
```

# Background

The CSS property to change the background color of an element to Hex 771F48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#771F48 }
```

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

```
.background{ background-color:#771F48 }
```

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