

# Converting Colors

Hex(771413)

Have a look what the booklet for  
Hex(771413) contains.

<b>Hex(771413)</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(771413)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	771413
RGB	119, 20, 19
RGB Percent	47%, 8%, 7%
CMY	0.5333, 0.9216, 0.9255
CMYK	0.00, 0.83, 0.84, 0.53
HSL	1°, 72%, 27%
HSV	1°, 84%, 47%
XYZ	7.9754, 4.4693, 1.0584
YIQ	49.4870, 59.3250, 20.6770

# Conversions

## Conversions Part 2

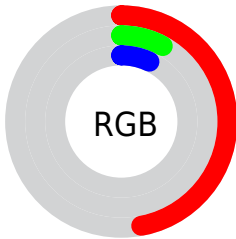
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 20, 19
Decimal	7803923
CIE Lab	25.17, 41.46, 28.29
CIE LCh	25, 50.193, 34.310
Yxy	4.4693, 0.5906, 0.3310
Android (android.graphics.Color)	4285994003 (0xFF771413)
YUV	49.4870, -15.0301, 60.9629
Hunter-Lab	21.1406, 30.3442, 11.8301

# Details

The Hex color **771413** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **137677**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **B24A3E**, and **3E0000** is the 20% darker color. If you saturate the color by 10%, you get **770807**, and if you desaturate by 10%, it is **77201F**.

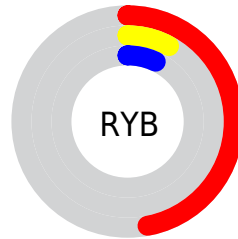
# Distribution



Red (47%)

Green (8%)

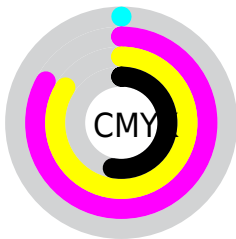
Blue (7%)



Red (47%)

Yellow (8%)

Blue (7%)

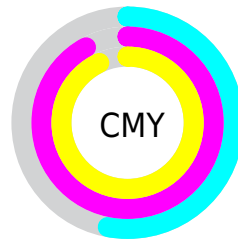


Cyan (0%)

Magenta (83%)

Yellow (84%)

Black (53%)



Cyan (53%)

Magenta (92%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 771413 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 771413 by changing the saturation by 10% instead.



 771413

 771413

 FFFFF5

 5B0000

 B24A3E

 3E0000

 D06455

 220001

 EE7E6E

 000000

 FF9987

 FFB5A2

 FFD1BD

 FFEED9

 771413

 771413

■ 770807

■ 77201F

■ 770100

■ 772C2B

■ 773737

■ 774343

■ 774F4E

■ 775B5A

■ 776666

■ 777272

■ 777E7E

# Harmonies

## Analogous

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



7C0038



771413



632C00

# Triad

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



771413



004918



003F89

# Complementary

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



771413



137677

# 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.



004881



771413



004B40

# Square

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



771413



1D4500



004B66



3F2E7B

# Rectangle

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



771413



503800



004B66



004388



# Sweetspot

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



771413



9C7575



771377



4F3837



CFCFCF



4F4F4F



# Same Dimension

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



771413



9C0200



774513



3B3535



7A0100



FA0200



# Inverse Universe

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



137677



009A9C



134577



353B3B



00797A



00F7FA



# Previews

## White Background



This preview shows how the Hex color 771413 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 771413 Background



This preview shows how black text looks on a background with the Hex color 771413.



This preview shows how white text looks on a background with the Hex color 771413.

# 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**  
771413

**Protanopia**  
453E1D

**Deuteranopia**  
4E3B05



# Trichromacy



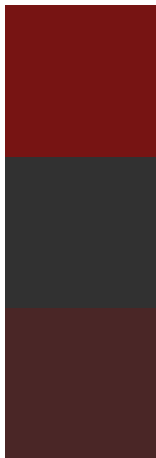
**Original Color**  
771413

**Protanomaly**  
572F19

**Deuteranomaly**  
5D2D0A

**Tritanomaly**  
771413

# Monochromacy



**Original Color**  
771413

**Achromatopsia**  
313131

**Achromatomaly**  
4A2626

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 771413 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 #771413 looks like.

```
.text, #text, p{  
    color:#771413  
}
```

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 #771413 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #771413
}
```

## Border

The CSS property to change the border of an element to Hex 771413 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".

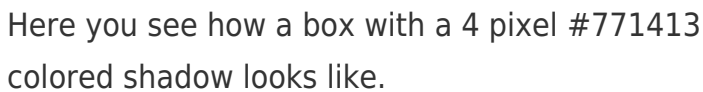
```
.border, #border, table{ border:4px solid
#771413 }
```

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

```
.border{ border-color:#771413 }
```

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

Here you see how a box with a 4 pixel #771413 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #771413; -webkit-box-shadow:4px 4px  
4px 4px #771413; box-shadow:4px 4px 4px  
4px #771413 }
```

# Background

The CSS property to change the background color of an element to Hex 771413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#771413 }
```

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

```
.background{ background-color:#771413 }
```

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