

Converting Colors

Hex(7C4336)

Have a look what the booklet for
Hex(7C4336) contains.

Hex(7C4336)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7C4336)

Conversions

Conversions Part 1

Format	Color
Hex	7C4336
RGB	124, 67, 54
RGB Percent	49%, 26%, 21%
CMY	0.5137, 0.7373, 0.7882
CMYK	0.00, 0.46, 0.56, 0.51
HSL	11°, 39%, 35%
HSV	11°, 56%, 49%
XYZ	10.9852, 8.5657, 4.5644
YIQ	82.5610, 38.1450, 8.0410

Conversions

Conversions Part 2

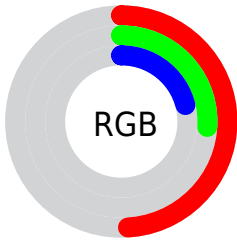
Format	Color
RYB	124, 70, 54
Decimal	8143670
CIELab	35.13, 23.15, 18.69
CIElCh	35, 29.747, 38.915
Yxy	8.5657, 0.4555, 0.3552
Android (android.graphics.Color)	4286333750 (0xFF7C4336)
YUV	82.5610, -14.0806, 36.3420
Hunter-Lab	29.2673, 15.7805, 11.2405

Details

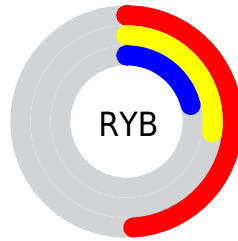
The Hex color **7C4336** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **366F7C**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **B37465**, and **47160A** is the 20% darker color. If you saturate the color by 10%, you get **7C392A**, and if you desaturate by 10%, it is **7C4D42**.

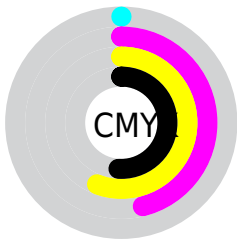
Distribution



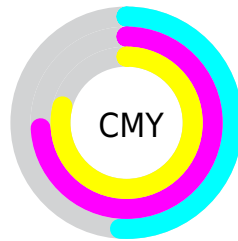
- Red (49%)
- Green (26%)
- Blue (21%)



- Red (49%)
- Yellow (27%)
- Blue (21%)



- Cyan (0%)
- Magenta (46%)
- Yellow (56%)
- Black (51%)



- Cyan (51%)
- Magenta (74%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C4336 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 7C4336 by changing the saturation by 10% instead.

 7C4336

 7C4336

FFFFFF

 612C20

 B37465

 47160A

 D08E7E

 2F0000

 EDA998

 060000

 FFC4B3

 000000

 FFE0CE

 FFFDEA

 7C4336

 7C4336

 7C392A

 7C4D42

■ 7C2F1D

■ 7C574F

■ 7C2511

■ 7C615B

■ 7C1B04

■ 7C6B68

■ 7C1700

■ 7C7574

■ 7C8080

■ 7C8A8D

■ 7C9499

■ 7C9EA6

Harmonies

Analogous

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



7F3F4C



7C4336



6F4B26

Triad

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



7C4336



1E5D41



375381

Complementary

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



7C4336



366F7C

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.



005A7F



7C4336



005F59

Square

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



7C4336



405A2C



005E70



5E4A78

Rectangle

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



7C4336



615122



005E70



255582

Sweetspot

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



7C4336



A18A85



7C366F



524441



D1D1D1



525252

Same Dimension

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



7C4336



A14833



7C6636



3D3837



7D1700



FC2F00

Inverse Universe

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



366F7C



338CA1



364C7C



373C3D



00667D



00CEFC

Previews

White Background



This preview shows how the Hex color 7C4336 looks on a white background.

Color Contrast Check

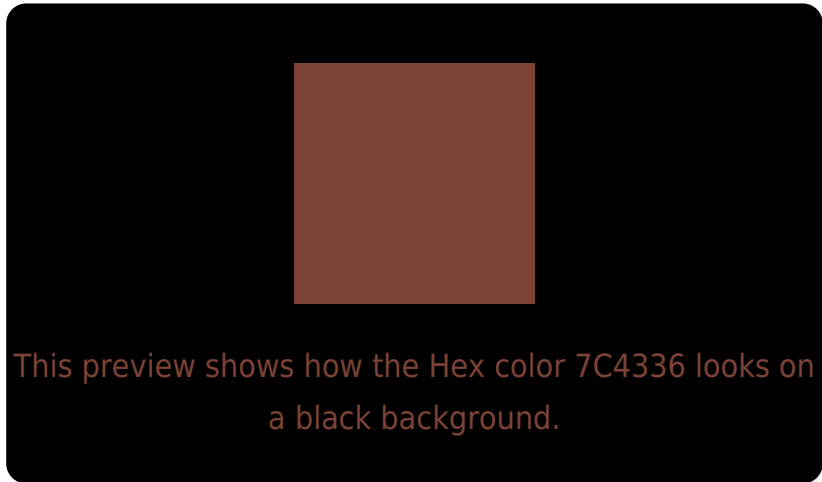
Large Text (above 18pt) WCAG AA ✓ Pass

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 7C4336 Background



This preview shows how black text looks on a background with the Hex color 7C4336.

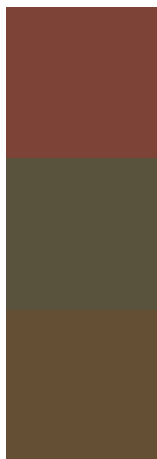


This preview shows how white text looks on a background with the Hex color 7C4336.

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
7C4336

Protanopia
59533D

Deuteranopia
654F34



Tritanopia
7D4145

Trichromacy



Original Color
7C4336

Protanomaly
664D3A

Deuteranomaly
6D4B35

Tritanomaly
7D4240

Monochromacy



Original Color
7C4336

Achromatopsia
535353

Achromatomaly
624D48

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C4336 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 #7C4336 looks like.

```
.text, #text, p{  
    color:#7C4336  
}
```

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 #7C4336 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C4336
}
```

Border

The CSS property to change the border of an element to Hex 7C4336 is called "border". The border property can be set on classes, ids or directly on the HTML element.

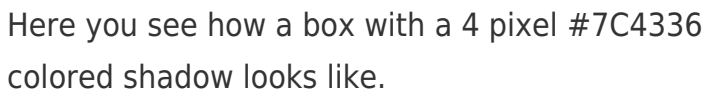
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7C4336 }
```

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

```
.border{ border-color:#7C4336 }
```

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



Here you see how a box with a 4 pixel #7C4336 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C4336; -webkit-box-shadow:4px 4px  
4px 4px #7C4336; box-shadow:4px 4px 4px  
4px #7C4336 }
```

Background

The CSS property to change the background color of an element to Hex 7C4336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C4336 }
```

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

```
.background{ background-color:#7C4336 }
```

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