

Converting Colors

Hex(7C3838)

Have a look what the booklet for
Hex(7C3838) contains.

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Color

Hex(7C3838)

Conversions

Conversions Part 1

Format	Color
Hex	7C3838
RGB	124, 56, 56
RGB Percent	49%, 22%, 22%
CMY	0.5137, 0.7804, 0.7804
CMYK	0.00, 0.55, 0.55, 0.51
HSL	0°, 38%, 35%
HSV	0°, 55%, 49%
XYZ	10.4402, 7.3990, 4.6193
YIQ	76.3320, 40.5280, 14.4160

Conversions

Conversions Part 2

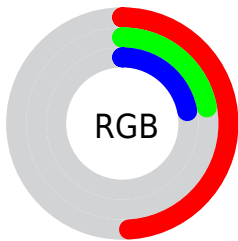
Format	Color
R_{YB}	124, 56, 56
Decimal	8140856
CIE Lab	32.70, 29.55, 14.21
CIE LCh	33, 32.788, 25.681
Yxy	7.3990, 0.4649, 0.3295
Android (android.graphics.Color)	4286330936 (0xFF7C3838)
YUV	76.3320, -10.0237, 41.8048
Hunter-Lab	27.2010, 20.9092, 8.9721

Details

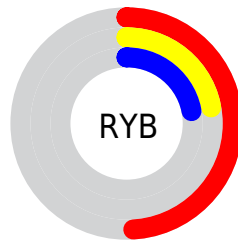
The Hex color **7C3838** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **387C7C**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **B46967**, and **47070D** is the 20% darker color. If you saturate the color by 10%, you get **7C2C2C**, and if you desaturate by 10%, it is **7C4444**.

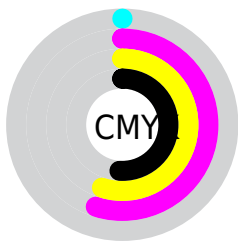
Distribution



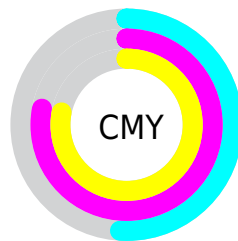
- Red (49%)
- Green (22%)
- Blue (22%)



- Red (49%)
- Yellow (22%)
- Blue (22%)



- Cyan (0%)
- Magenta (55%)
- Yellow (55%)
- Black (51%)



- Cyan (51%)
- Magenta (78%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C3838 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 7C3838 by changing the saturation by 10% instead.

 7C3838

 7C3838

FFFFFF

 612023

 B46967

 47070D

 D08380

 2F0000

 EE9D9A

 000000

 FFB9B5

 FFD5D0

 FFF1EC

 7C3838

 7C3838

 7C2C2C

 7C4444

 7C1F1F

 7C5151

 7C1313

 7C5D5D

 7C0606

 7C6A6A

 7C0000

 7C7676

 7C8282

 7C8F8F

 7C9B9B

 7CA8A8

Harmonies

Analogous

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



7A3652



7C3838



724023

Triad

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



7C3838



24572F



005180

Complementary

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



7C3838



387C7C

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.



005777



7C3838



005948

Square

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



7C3838



45521B



005963



48487C

Rectangle

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



7C3838



664719



005963



00537F

Sweetspot

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



7C3838



A18787



7C387C



524242



D1D1D1



525252

Same Dimension

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



7C3838



A13737



7C5A38



3D3737



7D0000



FC0000

Inverse Universe

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



387C7C



37A1A1



385A7C



373D3D



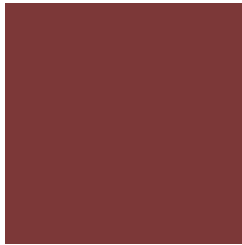
007D7D



00FCFC

Previews

White Background



This preview shows how the Hex color 7C3838 looks on a white background.

Color Contrast Check

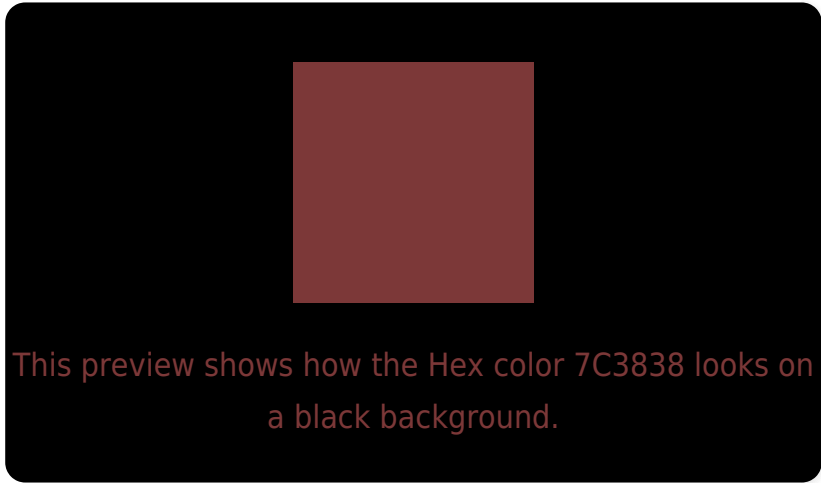
Large Text (above 18pt) WCAG AA ✓ Pass

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 7C3838 Background



This preview shows how black text looks on a background with the Hex color 7C3838.

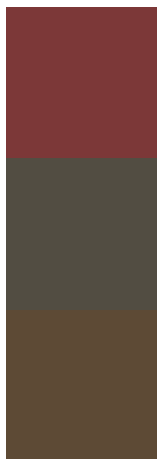


This preview shows how white text looks on a background with the Hex color 7C3838.

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
7C3838

Protanopia
524D42

Deuteranopia
5D4A35



Tritanopia
7C373B

Trichromacy



Original Color

7C3838

Protanomaly

61453E

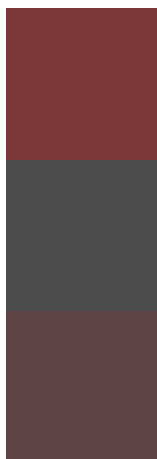
Deuteranomaly

684336

Tritanomaly

7C373A

Monochromacy



Original Color

7C3838

Achromatopsia

4C4C4C

Achromatomaly

5D4545

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C3838 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 #7C3838 looks like.

```
.text, #text, p{  
    color:#7C3838  
}
```

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 #7C3838 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C3838
}
```

Border

The CSS property to change the border of an element to Hex 7C3838 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
#7C3838 }
```

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

```
.border{ border-color:#7C3838 }
```

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

Here you see how a box with a 4 pixel #7C3838 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C3838; -webkit-box-shadow:4px 4px  
4px 4px #7C3838; box-shadow:4px 4px 4px  
4px #7C3838 }
```

Background

The CSS property to change the background color of an element to Hex 7C3838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C3838 }
```

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

```
.background{ background-color:#7C3838 }
```

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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