

Converting Colors

Hex(783C3C)

Have a look what the booklet for
Hex(783C3C) contains.

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Color

Hex(783C3C)

Conversions

Conversions Part 1

Format	Color
Hex	783C3C
RGB	120, 60, 60
RGB Percent	47%, 24%, 24%
CMY	0.5294, 0.7647, 0.7647
CMYK	0.00, 0.50, 0.50, 0.53
HSL	0°, 33%, 35%
HSV	0°, 50%, 47%
XYZ	10.1772, 7.5510, 5.1961
YIQ	77.9400, 35.7600, 12.7200

Conversions

Conversions Part 2

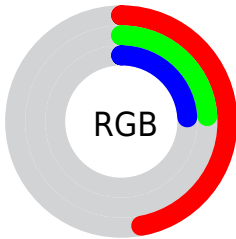
Format	Color
R_{YB}	120, 60, 60
Decimal	7879740
CIE Lab	33.03, 26.09, 11.99
CIE LCh	33, 28.716, 24.679
Yxy	7.5510, 0.4439, 0.3294
Android (android.graphics.Color)	4286069820 (0xFF783C3C)
YUV	77.9400, -8.8444, 36.8866
Hunter-Lab	27.4791, 18.0209, 8.0242

Details

The Hex color **783C3C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3C7878**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **AF6D6B**, and **440E12** is the 20% darker color. If you saturate the color by 10%, you get **783030**, and if you desaturate by 10%, it is **784848**.

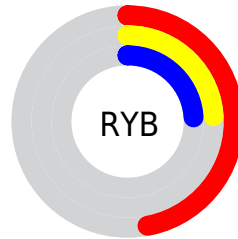
Distribution



Red (47%)

Green (24%)

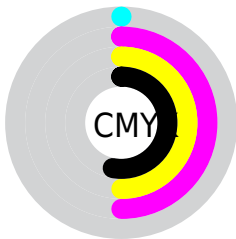
Blue (24%)



Red (47%)

Yellow (24%)

Blue (24%)

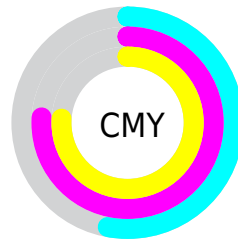


Cyan (0%)

Magenta (50%)

Yellow (50%)

Black (53%)



Cyan (53%)

Magenta (76%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 783C3C 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 783C3C by changing the saturation by 10% instead.

 783C3C

 783C3C

FFFFFF

 5E2526

 AF6D6B

 440E12

 CB8784

 2D0000

 E8A19F

 000000

 FFBCB9

 FFD8D5

 FFF5F2

 783C3C

 783C3C

 783030

 784848

 782424

 785454

 781818

 786060

 780C0C

 786C6C

 780000

 787878

 788484

 789090

 789C9C

 78A8A8

Harmonies

Analogous

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



753B53



783C3C



6F4329

Triad

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



783C3C



2D5733



19517B

Complementary

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



783C3C



3C7878

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.



005772



783C3C



005949

Square

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



783C3C



485223



005960



494977

Rectangle

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



783C3C



654821



005960



005379

Sweetspot

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



783C3C



9C8484



783C78



4F4141



CFCFCF



4F4F4F

Same Dimension

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



783C3C



9C3E3E



785A3C



3D3737



7D0000



FC0000

Inverse Universe

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



3C7878



3E9C9C



3C5A78



373D3D



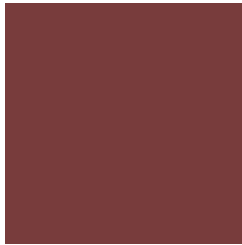
007D7D



00FCFC

Previews

White Background



This preview shows how the Hex color 783C3C looks on a white background.

Color Contrast Check

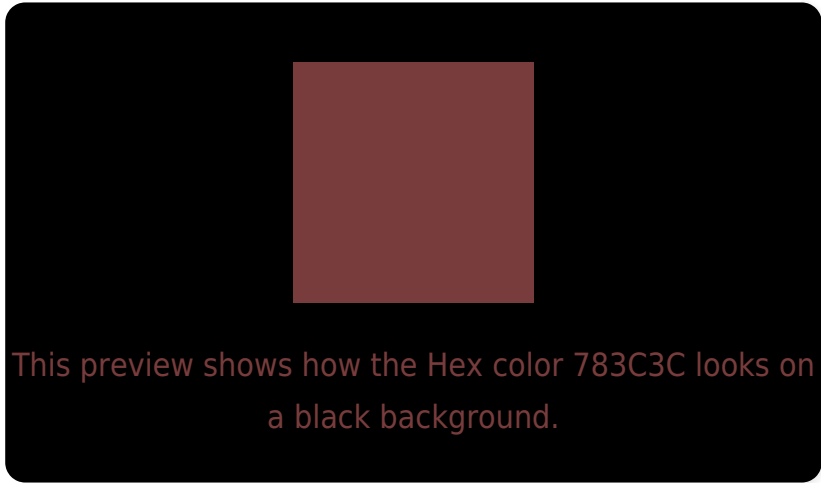
Large Text (above 18pt) WCAG AA ✓ Pass

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 783C3C Background



This preview shows how black text looks on a background with the Hex color 783C3C.

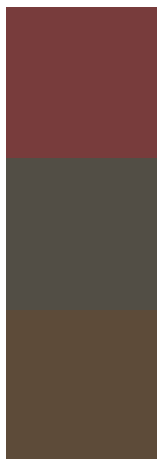


This preview shows how white text looks on a background with the Hex color 783C3C.

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
783C3C

Protanopia
524E45

Deuteranopia
5D4B39



Tritanopia
783B40

Trichromacy



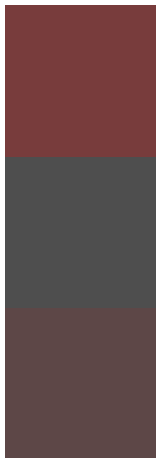
Original Color
783C3C

Protanomaly
604742

Deuteranomaly
67463A

Tritanomaly
783B3F

Monochromacy



Original Color
783C3C

Achromatopsia
4E4E4E

Achromatomaly
5D4747

CSS Examples

Text

The CSS property to change the color of the text to Hex 783C3C 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 #783C3C looks like.

```
.text, #text, p{  
    color:#783C3C  
}
```

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 #783C3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #783C3C }  
}
```

Border

The CSS property to change the border of an element to Hex 783C3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

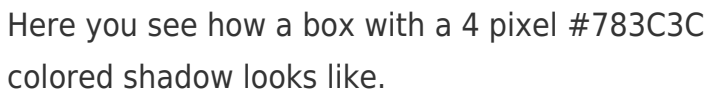
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #783C3C }  
}
```

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

```
.border{ border-color:#783C3C }
```

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



Here you see how a box with a 4 pixel #783C3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #783C3C; -webkit-box-shadow:4px 4px  
4px 4px #783C3C; box-shadow:4px 4px 4px  
4px #783C3C }
```

Background

The CSS property to change the background color of an element to Hex 783C3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#783C3C }
```

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

```
.background{ background-color:#783C3C }
```

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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