

Converting Colors

Hex(783B47)

Have a look what the booklet for
Hex(783B47) contains.

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Color

Hex(783B47)

Conversions

Conversions Part 1

Format	Color
Hex	783B47
RGB	120, 59, 71
RGB Percent	47%, 23%, 28%
CMY	0.5294, 0.7686, 0.7216
CMYK	0.00, 0.51, 0.41, 0.53
HSL	348°, 34%, 35%
HSV	348°, 51%, 47%
XYZ	10.4470, 7.5759, 6.8729
YIQ	78.6070, 32.5040, 16.6640

Conversions

Conversions Part 2

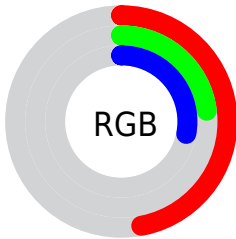
Format	Color
R _Y B	120, 59, 71
Decimal	7879495
CIE Lab	33.08, 27.94, 4.99
CIE LCh	33, 28.384, 10.134
Yxy	7.5759, 0.4196, 0.3043
Android (android.graphics.Color)	4286069575 (0xFF783B47)
YUV	78.6070, -3.7503, 36.3017
Hunter-Lab	27.5244, 19.5828, 4.4622

Details

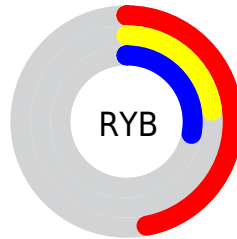
The Hex color **783B47** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3B786C**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **AE6C77**, and **440C1C** is the 20% darker color. If you saturate the color by 10%, you get **782F3D**, and if you desaturate by 10%, it is **784751**.

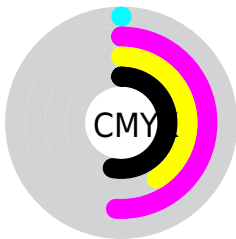
Distribution



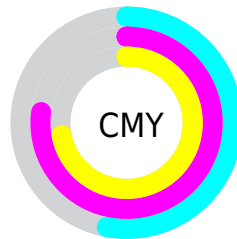
- Red (47%)
- Green (23%)
- Blue (28%)



- Red (47%)
- Yellow (23%)
- Blue (28%)



- Cyan (0%)
- Magenta (51%)
- Yellow (41%)
- Black (53%)



- Cyan (53%)
- Magenta (77%)
- Yellow (72%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 783B47 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 783B47 by changing the saturation by 10% instead.

 783B47

 783B47

FFFFFF

 5E2431

 AE6C77

 440C1C

 CB8691

 2E0000

 E8A0AB

 000000

 FFBCC7

 FFD8E3

 FFF4FF

 783B47

 783B47

 782F3D

 784751

 782334

 78535A

 78172A

 785F64

 780B20

 786B6E

 780018

 787777

 788381

 788F8A

 789B94

 78A79E

Harmonies

Analogous

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



6F3D5E



783B47



753F32

Triad

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



783B47



3C552A



005478

Complementary

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



783B47



3B786C

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.



00586A



783B47



1A583E

Square

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



783B47



544F20



005955



364E7A

Rectangle

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



783B47



6D4427



005955



005674

Sweetspot

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



783B47



9C8489



6C3B78



4F4144



CFCFCF



4F4F4F

Same Dimension

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



783B47



9C3D4F



784D3B



3D3738



7D0019



FC0032

Inverse Universe

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



783B47



9C3D4F



3B6678



3D3738



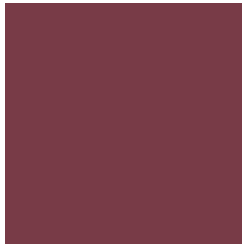
7D0019



FC0032

Previews

White Background



This preview shows how the Hex color 783B47 looks on a white background.

Color Contrast Check

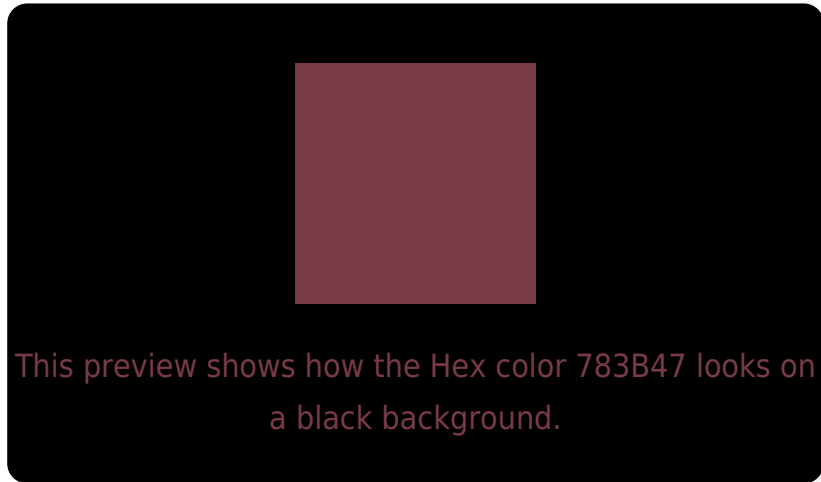
Large Text (above 18pt) WCAG AA ✓ Pass

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

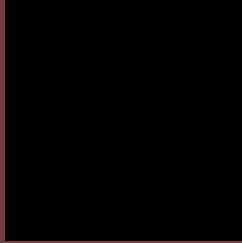
Any Text WCAG AA × Fail

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 783B47 Background



This preview shows how black text looks on a background with the Hex color 783B47.



This preview shows how white text looks on a background with the Hex color 783B47.

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
783B47

Protanopia
4F4E51

Deuteranopia
5A4C44



Tritanopia
773C40

Trichromacy



Original Color

783B47

Protanomaly

5E474D

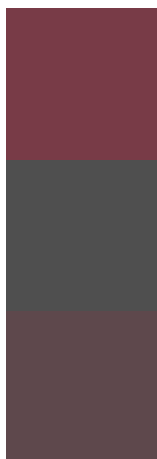
Deuteranomaly

654645

Tritanomaly

773C43

Monochromacy



Original Color

783B47

Achromatopsia

4F4F4F

Achromatomaly

5E484C

CSS Examples

Text

The CSS property to change the color of the text to Hex 783B47 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 #783B47 looks like.

```
.text, #text, p{  
    color:#783B47  
}
```

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 #783B47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #783B47
}
```

Border

The CSS property to change the border of an element to Hex 783B47 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".

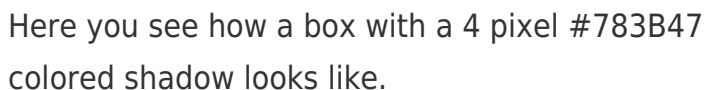
```
.border, #border, table{ border:4px solid
#783B47 }
```

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

```
.border{ border-color:#783B47 }
```

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

Here you see how a box with a 4 pixel #783B47 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #783B47; -webkit-box-shadow:4px 4px  
4px 4px #783B47; box-shadow:4px 4px 4px  
4px #783B47 }
```

Background

The CSS property to change the background color of an element to Hex 783B47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#783B47 }
```

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

```
.background{ background-color:#783B47 }
```

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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