

Converting Colors

Hex(783B45)

Have a look what the booklet for
Hex(783B45) contains.

Hex(783B45)	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(783B45)

Conversions

Conversions Part 1

Format	Color
Hex	783B45
RGB	120, 59, 69
RGB Percent	47%, 23%, 27%
CMY	0.5294, 0.7686, 0.7294
CMYK	0.00, 0.51, 0.43, 0.53
HSL	350°, 34%, 35%
HSV	350°, 51%, 47%
XYZ	10.3839, 7.5507, 6.5404
YIQ	78.3790, 33.1460, 16.0420

Conversions

Conversions Part 2

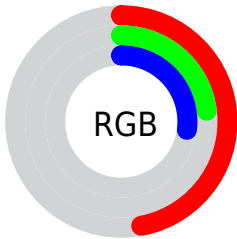
Format	Color
R_{YB}	120, 59, 69
Decimal	7879493
CIE _{Lab}	33.03, 27.69, 6.21
CIE _{LCh}	33, 28.380, 12.631
Yxy	7.5507, 0.4243, 0.3085
Android (android.graphics.Color)	4286069573 (0xFF783B45)
YUV	78.3790, -4.6238, 36.5016
Hunter-Lab	27.4785, 19.3662, 5.1229

Details

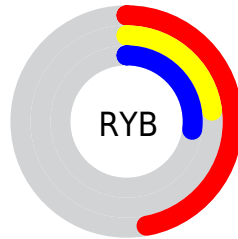
The Hex color **783B45** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3B786E**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **AF6C75**, and **440C1A** is the 20% darker color. If you saturate the color by 10%, you get **782F3B**, and if you desaturate by 10%, it is **78474F**.

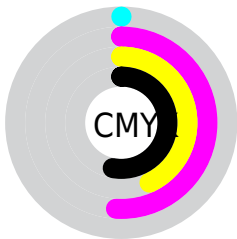
Distribution



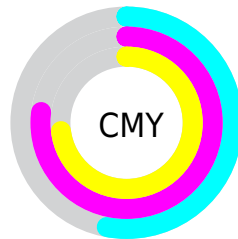
- Red (47%)
- Green (23%)
- Blue (27%)



- Red (47%)
- Yellow (23%)
- Blue (27%)



- Cyan (0%)
- Magenta (51%)
- Yellow (43%)
- Black (53%)



- Cyan (53%)
- Magenta (77%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 783B45 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 783B45 by changing the saturation by 10% instead.

 783B45

 783B45

FFFFFF

 5E242F

 AF6C75

 440C1A

 CB868F

 2E0000

 E8A0A9

 000000

 FFBCC4

 FFD8E0

 FFF4FD

 783B45

 783B45

 782F3B

 78474F

 782331

 785359

 781727

 785F63

 780B1D

 786B6D

 780014

 787777

 788381

 788F8B

 789B95

 78A79F

Harmonies

Analogous

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



703D5C



783B45



744030

Triad

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



783B45



39552C



005478

Complementary

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



783B45



3B786E

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.



00586B



783B45



165840

Square

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



783B45



524F20



005957



3A4D79

Rectangle

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



783B45



6B4526



005957



005575

Sweetspot

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



783B45



9C8488



6E3B78



4F4143



CFCFCF



4F4F4F

Same Dimension

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



783B45



9C3D4C



784F3B



3D3738



7D0014



FC0029

Inverse Universe

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



783B45



9C3D4C



3B6478



3D3738



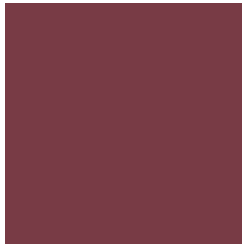
7D0014



FC0029

Previews

White Background



This preview shows how the Hex color 783B45 looks on a white background.

Color Contrast Check

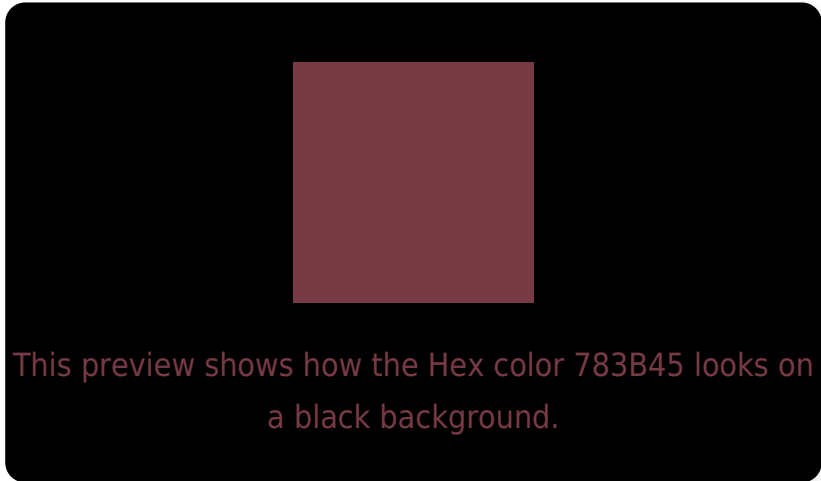
Large Text (above 18pt) WCAG AA ✓ Pass

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

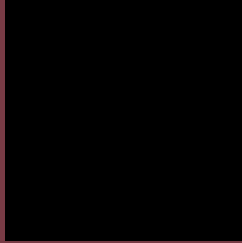
Any Text WCAG AA × Fail

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 783B45 Background



This preview shows how black text looks on a background with the Hex color 783B45.



This preview shows how white text looks on a background with the Hex color 783B45.

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
783B45

Protanopia
4F4E4F

Deuteranopia
5A4B42



Tritanopia
783C40

Trichromacy



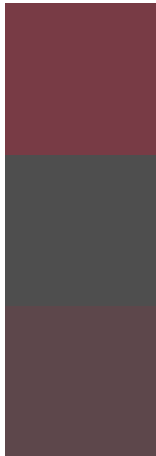
Original Color
783B45

Protanomaly
5E474B

Deuteranomaly
654543

Tritanomaly
783C42

Monochromacy



Original Color
783B45

Achromatopsia
4E4E4E

Achromatomaly
5D474B

CSS Examples

Text

The CSS property to change the color of the text to Hex 783B45 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 #783B45 looks like.

```
.text, #text, p{  
    color:#783B45  
}
```

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 #783B45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #783B45
}
```

Border

The CSS property to change the border of an element to Hex 783B45 is called "border". The border property can be set on classes, ids or directly on the HTML element.

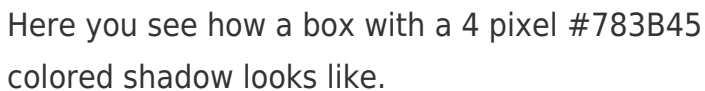
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#783B45 }
```

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

```
.border{ border-color:#783B45 }
```

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



Here you see how a box with a 4 pixel #783B45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #783B45; -webkit-box-shadow:4px 4px  
4px 4px #783B45; box-shadow:4px 4px 4px  
4px #783B45 }
```

Background

The CSS property to change the background color of an element to Hex 783B45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#783B45 }
```

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

```
.background{ background-color:#783B45 }
```

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