

Converting Colors

Hex(783E51)

Have a look what the booklet for
Hex(783E51) contains.

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Color

Hex(783E51)

Conversions

Conversions Part 1

Format	Color
Hex	783E51
RGB	120, 62, 81
RGB Percent	47%, 24%, 32%
CMY	0.5294, 0.7569, 0.6824
CMYK	0.00, 0.48, 0.33, 0.53
HSL	340°, 32%, 36%
HSV	340°, 48%, 47%
XYZ	10.9536, 8.0324, 8.7577
YIQ	81.5080, 28.4690, 18.2050

Conversions

Conversions Part 2

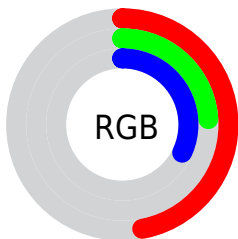
Format	Color
R_{YB}	120, 62, 81
Decimal	7880273
CIE _{Lab}	34.05, 27.58, -0.04
CIE _{LCh}	34, 27.585, 359.920
Yxy	8.0324, 0.3948, 0.2895
Android (android.graphics.Color)	4286070353 (0xFF783E51)
YUV	81.5080, -0.2504, 33.7575
Hunter-Lab	28.3415, 19.3899, 1.5181

Details

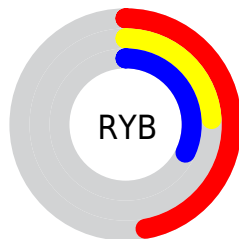
The Hex color **783E51** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3E7865**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **AE6F82**, and **450F25** is the 20% darker color. If you saturate the color by 10%, you get **783249**, and if you desaturate by 10%, it is **784A59**.

Distribution



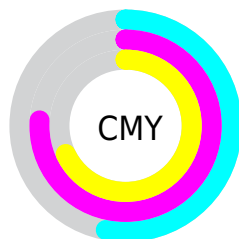
- Red (47%)
- Green (24%)
- Blue (32%)



- Red (47%)
- Yellow (24%)
- Blue (32%)



- Cyan (0%)
- Magenta (48%)
- Yellow (33%)
- Black (53%)



- Cyan (53%)
- Magenta (76%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 783E51 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 783E51 by changing the saturation by 10% instead.

 783E51

 783E51

FFFFFF

 5E273A

 AE6F82

 450F25

 CA899C

 2E000F

 E7A4B7

 050000

 FFBFD3

 000000

 FFDBEF

 FFF8FF

 783E51

 783E51

 783249

 784A59

782641

785661

781A39

786269

780E31

786E71

780229

787A79

780027

788681

789289

789E92

78AA9A

Harmonies

Analogous

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



6B4266



783E51



79403B

Triad

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



783E51



475529



005875

Complementary

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



783E51



3E7865

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.



005B65



783E51



2C5939

Square

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



783E51



5D4F23



005B4F



2A527C

Rectangle

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



783E51



73442F



005B4F



005971

Sweetspot

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



783E51



9C848C



653E78



4F4145



CFCFCF



4F4F4F

Same Dimension

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



783E51



9C415F



78483E



3D3739



7D0029



FC0053

Inverse Universe

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



783E51



9C415F



3E6E78



3D3739



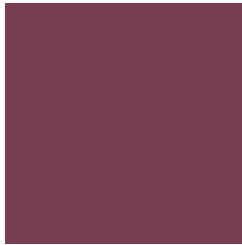
7D0029



FC0053

Previews

White Background



This preview shows how the Hex color 783E51 looks on a white background.

Color Contrast Check

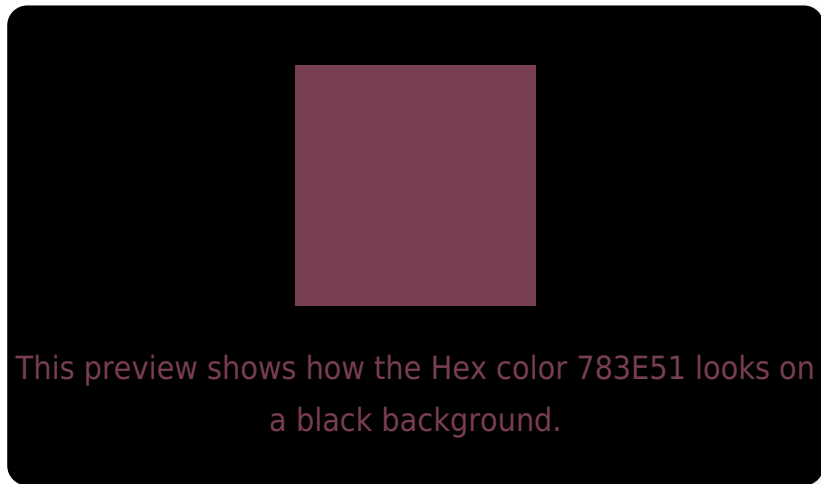
Large Text (above 18pt) WCAG AA ✓ Pass

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

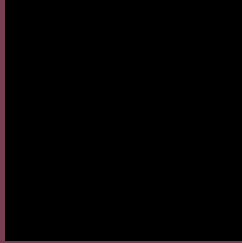
Any Text WCAG AA × Fail

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 783E51 Background



This preview shows how black text looks on a background with the Hex color 783E51.



This preview shows how white text looks on a background with the Hex color 783E51.

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
783E51

Protanopia
4F505C

Deuteranopia
594E4E



Tritanopia
774045

Trichromacy



Original Color
783E51

Protanomaly
5E4958

Deuteranomaly
64484F

Tritanomaly
773F49

Monochromacy



Original Color
783E51

Achromatopsia
525252

Achromatomaly
604B52

CSS Examples

Text

The CSS property to change the color of the text to Hex 783E51 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 #783E51 looks like.

```
.text, #text, p{  
    color:#783E51  
}
```

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 #783E51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #783E51  
}
```

Border

The CSS property to change the border of an element to Hex 783E51 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  
#783E51 }
```

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

```
.border{ border-color:#783E51 }
```

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

Here you see how a box with a 4 pixel #783E51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #783E51; -webkit-box-shadow:4px 4px  
4px 4px #783E51; box-shadow:4px 4px 4px  
4px #783E51 }
```

Background

The CSS property to change the background color of an element to Hex 783E51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#783E51 }
```

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

```
.background{ background-color:#783E51 }
```

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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