

Converting Colors

Hex(783E6E)

Have a look what the booklet for
Hex(783E6E) contains.

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Color

Hex(783E6E)

Conversions

Conversions Part 1

Format	Color
Hex	783E6E
RGB	120, 62, 110
RGB Percent	47%, 24%, 43%
CMY	0.5294, 0.7569, 0.5686
CMYK	0.00, 0.48, 0.08, 0.53
HSL	310°, 32%, 36%
HSV	310°, 48%, 47%
XYZ	12.2828, 8.5641, 15.7575
YIQ	84.8140, 19.1600, 27.2240

Conversions

Conversions Part 2

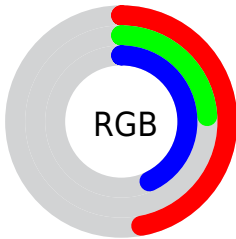
Format	Color
R_{YB}	120, 62, 110
Decimal	7880302
CIE _{Lab}	35.13, 32.40, -16.85
CIE _{LCh}	35, 36.514, 332.524
Yxy	8.5641, 0.3356, 0.2340
Android (android.graphics.Color)	4286070382 (0xFF783E6E)
YUV	84.8140, 12.4167, 30.8581
Hunter-Lab	29.2645, 23.7067, -11.4396

Details

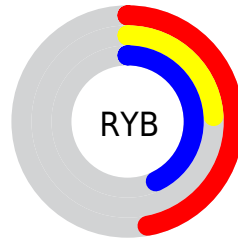
The Hex color **783E6E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3E7848**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **AE70A2**, and **460D3E** is the 20% darker color. If you saturate the color by 10%, you get **78326C**, and if you desaturate by 10%, it is **784A70**.

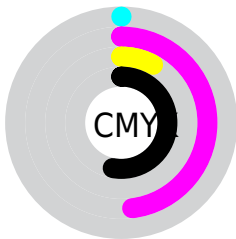
Distribution



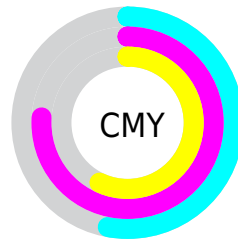
- Red (47%)
- Green (24%)
- Blue (43%)



- Red (47%)
- Yellow (24%)
- Blue (43%)



- Cyan (0%)
- Magenta (48%)
- Yellow (8%)
- Black (53%)



- Cyan (53%)
- Magenta (76%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 783E6E 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 783E6E by changing the saturation by 10% instead.

 783E6E

 783E6E

FFFFFF

 5E2656

 AE70A2

 460D3E

 CA8ABD

 2E0028

 E6A4D9

 120013

 FFC0F5

 000000

 FFDCCF

 FFF9FF

 783E6E

 783E6E

 78326C

 784A70

78266A

785672

781A68

786274

780E66

786E76

780264

787A78

780063

78867A

78927C

789E7F

78AA81

Harmonies

Analogous

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



574A84



783E6E



873851

Triad

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



783E6E



605214



006071

Complementary

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



783E6E



3E7848

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.



006154



783E6E



425A1E

Square

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



783E6E



77471E



155F36



005D86

Rectangle

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



783E6E



883A3E



155F36



006168

Sweetspot

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



783E6E



9C8498



483E78



4F414D



CFCFCF



4F4F4F

Same Dimension

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



783E6E



9C418C



783E51



3D373C



7D0067



FC00D1

Inverse Universe

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



783E6E



9C418C



3E7865



3D373C



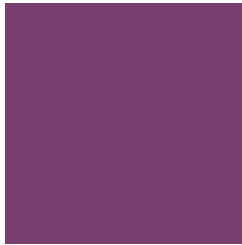
7D0067



FC00D1

Previews

White Background



This preview shows how the Hex color 783E6E looks on a white background.

Color Contrast Check

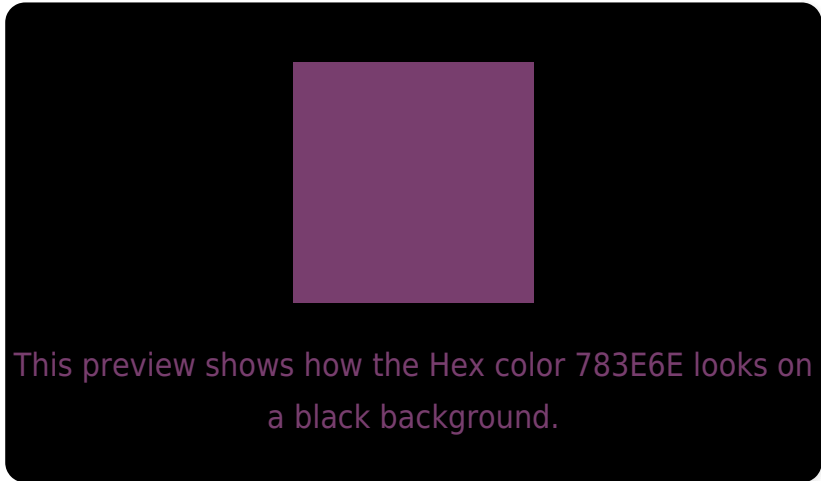
Large Text (above 18pt) WCAG AA ✓ Pass

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

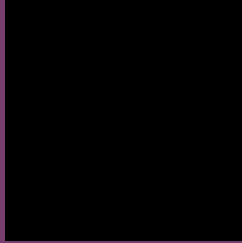
Any Text WCAG AA × Fail

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 783E6E Background



This preview shows how black text looks on a background with the Hex color 783E6E.



This preview shows how white text looks on a background with the Hex color 783E6E.

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





Tritanopia
74464B

Trichromacy



Original Color
783E6E

Protanomaly
574B78

Deuteranomaly
5E4B6C

Tritanomaly
754358

Monochromacy



Original Color
783E6E

Achromatopsia
555555

Achromatomaly
624D5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 783E6E 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 #783E6E looks like.

```
.text, #text, p{  
    color:#783E6E  
}
```

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 #783E6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #783E6E
}
```

Border

The CSS property to change the border of an element to Hex 783E6E is called "border". The border property can be set on classes, ids or directly on the HTML element.

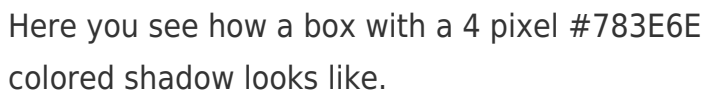
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#783E6E }
```

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

```
.border{ border-color:#783E6E }
```

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



Here you see how a box with a 4 pixel `#783E6E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #783E6E; -webkit-box-shadow:4px 4px  
4px 4px #783E6E; box-shadow:4px 4px 4px  
4px #783E6E }
```

Background

The CSS property to change the background color of an element to Hex 783E6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#783E6E }
```

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

```
.background{ background-color:#783E6E }
```

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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