

Converting Colors

Hex(783F77)

Have a look what the booklet for
Hex(783F77) contains.

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Color

Hex(783F77)

Conversions

Conversions Part 1

Format	Color
Hex	783F77
RGB	120, 63, 119
RGB Percent	47%, 25%, 47%
CMY	0.5294, 0.7529, 0.5333
CMYK	0.00, 0.47, 0.01, 0.53
HSL	301°, 31%, 36%
HSV	301°, 48%, 47%
XYZ	12.8530, 8.8800, 18.4893
YIQ	86.4270, 15.9960, 29.5000

Conversions

Conversions Part 2

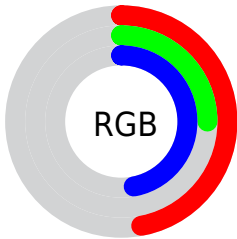
Format	Color
R_YB	120, 63, 119
Decimal	7880567
CIE _{Lab}	35.75, 33.57, -21.52
CIE _{LCh}	36, 39.878, 327.334
Yxy	8.8800, 0.3195, 0.2208
Android (android.graphics.Color)	4286070647 (0xFF783F77)
YUV	86.4270, 16.0585, 29.4435
Hunter-Lab	29.7993, 24.8416, -15.9277

Details

The Hex color **783F77** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3F7840**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **AE71AB**, and **450E46** is the 20% darker color. If you saturate the color by 10%, you get **783377**, and if you desaturate by 10%, it is **784B77**.

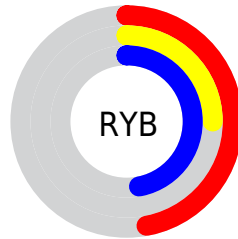
Distribution



Red (47%)

Green (25%)

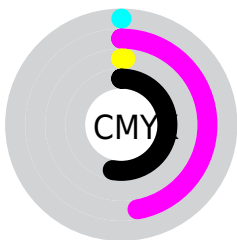
Blue (47%)



Red (47%)

Yellow (25%)

Blue (47%)

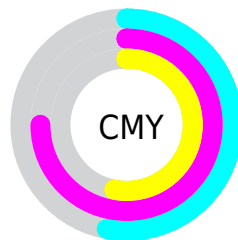


Cyan (0%)

Magenta (47%)

Yellow (1%)

Black (53%)



Cyan (53%)

Magenta (75%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 783F77 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 783F77 by changing the saturation by 10% instead.

 783F77

 783F77

FFFFFF

 5E275E

 AE71AB

 450E46

 CA8BC7

 2E0030

 E6A6E3

 14001B

 FFC1FF

 000000

 FFDDFF

 FFFAFF

 783F77

 783F77

 783377

 784B77

782777

785777

781B76

786378

780F76

786F78

780376

787B78

780076

788778

789378

789F79

78AB79

Harmonies

Analogous

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



4F4D8D



783F77



8B3658

Triad

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



783F77



67520D



006371

Complementary

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



783F77



3F7840

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.



006350



783F77



485B16

Square

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



783F77



7F451E



1A6030



006089

Rectangle

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



783F77



8E3743



1A6030



006366

Sweetspot

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



783F77



9C869B



403F78



4F424F



CFCFCF



4F4F4F

Same Dimension

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



783F77



9C439A



783F5B



3D373D



7D007B



FC00F8

Inverse Universe

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



783F77



9C439A



3F785C



3D373D



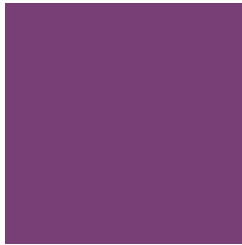
7D007B



FC00F8

Previews

White Background



This preview shows how the Hex color 783F77 looks on a white background.

Color Contrast Check

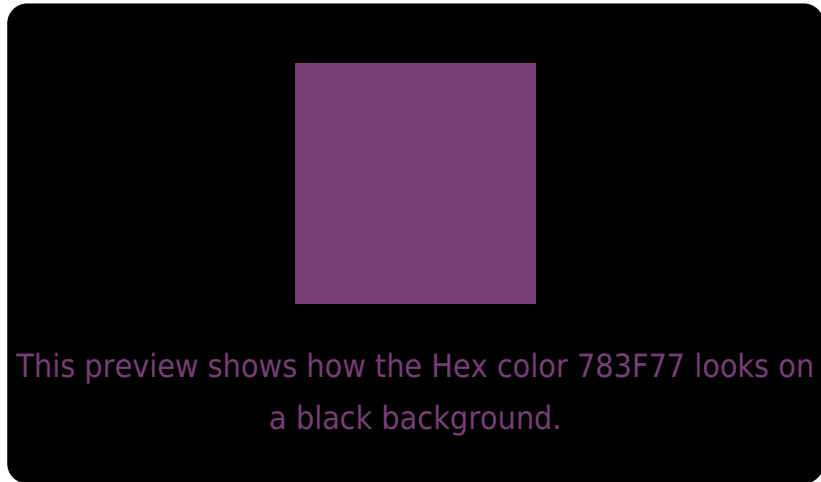
Large Text (above 18pt) WCAG AA ✓ Pass

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

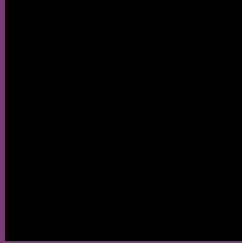
Any Text WCAG AA × Fail

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 783F77 Background



This preview shows how black text looks on a background with the Hex color 783F77.




This preview shows how white text looks on a background with the Hex color 783F77.

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
73494E

Trichromacy



Original Color
783F77

Protanomaly
544C82

Deuteranomaly
5B4C74

Tritanomaly
75455D

Monochromacy



Original Color
783F77

Achromatopsia
565656

Achromatomaly
624E62

CSS Examples

Text

The CSS property to change the color of the text to Hex 783F77 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 #783F77 looks like.

```
.text, #text, p{  
    color:#783F77  
}
```

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 #783F77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #783F77  
}
```

Border

The CSS property to change the border of an element to Hex 783F77 is called "border". The border property can be set on classes, ids or directly on the HTML element.

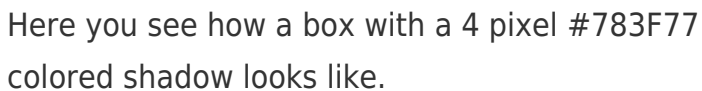
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#783F77 }
```

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

```
.border{ border-color:#783F77 }
```

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



Here you see how a box with a 4 pixel `#783F77` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #783F77; -webkit-box-shadow:4px 4px  
4px 4px #783F77; box-shadow:4px 4px 4px  
4px #783F77 }
```

Background

The CSS property to change the background color of an element to Hex 783F77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#783F77 }
```

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

```
.background{ background-color:#783F77 }
```

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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