

Converting Colors

Hex(783C5B)

Have a look what the booklet for
Hex(783C5B) contains.

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Color

Hex(783C5B)

Conversions

Conversions Part 1

Format	Color
Hex	783C5B
RGB	120, 60, 91
RGB Percent	47%, 24%, 36%
CMY	0.5294, 0.7647, 0.6431
CMYK	0.00, 0.50, 0.24, 0.53
HSL	329°, 33%, 35%
HSV	329°, 50%, 47%
XYZ	11.2499, 7.9801, 10.8449
YIQ	81.4740, 25.8090, 22.3610

Conversions

Conversions Part 2

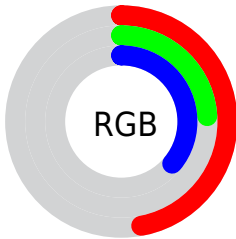
Format	Color
R_{YB}	120, 60, 91
Decimal	7879771
CIE _{Lab}	33.94, 30.23, -6.60
CIE _{LCh}	34, 30.941, 347.679
Yxy	7.9801, 0.3741, 0.2653
Android (android.graphics.Color)	4286069851 (0xFF783C5B)
YUV	81.4740, 4.6963, 33.7873
Hunter-Lab	28.2491, 21.6499, -2.9872

Details

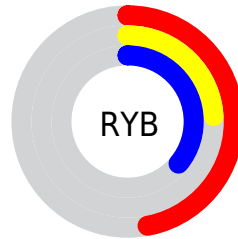
The Hex color **783C5B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3C7859**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **AE6D8D**, and **450C2D** is the 20% darker color. If you saturate the color by 10%, you get **783055**, and if you desaturate by 10%, it is **784861**.

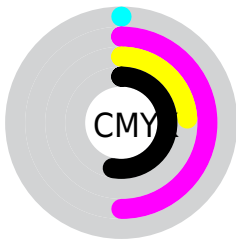
Distribution



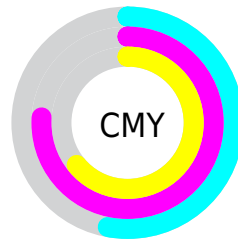
- Red (47%)
- Green (24%)
- Blue (36%)



- Red (47%)
- Yellow (24%)
- Blue (36%)



- Cyan (0%)
- Magenta (50%)
- Yellow (24%)
- Black (53%)



- Cyan (53%)
- Magenta (76%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 783C5B 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 783C5B by changing the saturation by 10% instead.



783C5B



783C5B

FFFFFF



5E2444



AE6D8D



450C2D



CA87A7



2E0019



E6A2C3



0B0000



FFBDDF



000000



FFD9FB



FFF6FF



783C5B



783C5B



783055



784861

■ 78244F

■ 785467

■ 78184A

■ 78606C

■ 780C44

■ 786C72

■ 78003E

■ 787878

■ 78847E

■ 789084

■ 789C89

■ 78A88F

Harmonies

Analogous

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



644471



783C5B



7E3B42

Triad

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



783C5B



50531F



005A74

Complementary

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



783C5B



3C7859

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.



005C5E



783C5B



34592D

Square

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



783C5B



674B1F



005C45



005580

Rectangle

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



783C5B



7A3F33



005C45



005B6D

Sweetspot

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



783C5B



9C8490



593C78



4F4148



CFCFCF



4F4F4F

Same Dimension

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



783C5B



9C3E6E



783C3D



3D373A



7D0041



FC0082

Inverse Universe

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



783C5B



9C3E6E



3C7877



3D373A



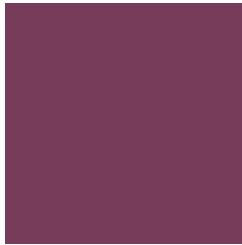
7D0041



FC0082

Previews

White Background



This preview shows how the Hex color 783C5B looks on a white background.

Color Contrast Check

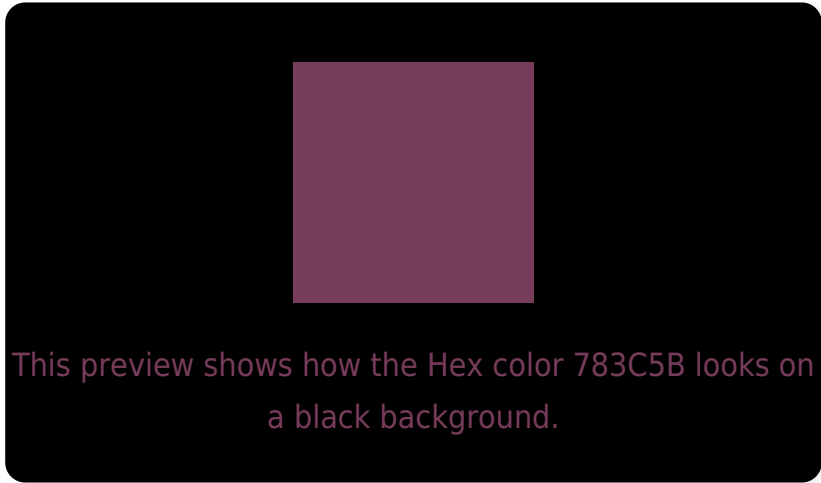
Large Text (above 18pt) WCAG AA ✓ Pass

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

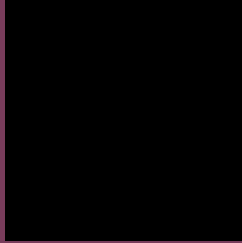
Any Text WCAG AA × Fail

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 783C5B Background



This preview shows how black text looks on a background with the Hex color 783C5B.

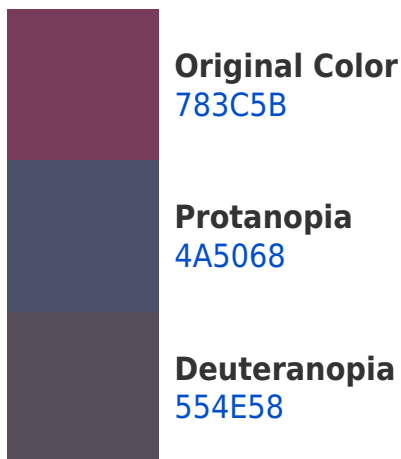


This preview shows how white text looks on a background with the Hex color 783C5B.

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
764045

Trichromacy



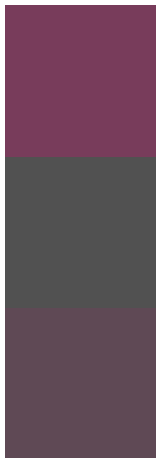
Original Color
783C5B

Protanomaly
5B4963

Deuteranomaly
624759

Tritanomaly
773F4D

Monochromacy



Original Color
783C5B

Achromatopsia
515151

Achromatomaly
5F4955

CSS Examples

Text

The CSS property to change the color of the text to Hex 783C5B 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 #783C5B looks like.

```
.text, #text, p{  
    color:#783C5B  
}
```

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 #783C5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #783C5B  
}
```

Border

The CSS property to change the border of an element to Hex 783C5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

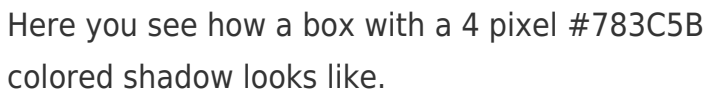
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#783C5B }
```

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

```
.border{ border-color:#783C5B }
```

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



Here you see how a box with a 4 pixel `#783C5B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #783C5B; -webkit-box-shadow:4px 4px  
4px 4px #783C5B; box-shadow:4px 4px 4px  
4px #783C5B }
```

Background

The CSS property to change the background color of an element to Hex 783C5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#783C5B }
```

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

```
.background{ background-color:#783C5B }
```

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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