

Converting Colors

Hex(783F2D)

Have a look what the booklet for
Hex(783F2D) contains.

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Color

Hex(783F2D)

Conversions

Conversions Part 1

Format	Color
Hex	783F2D
RGB	120, 63, 45
RGB Percent	47%, 25%, 18%
CMY	0.5294, 0.7529, 0.8235
CMYK	0.00, 0.47, 0.62, 0.53
HSL	14°, 45%, 32%
HSV	14°, 62%, 47%
XYZ	9.9969, 7.7375, 3.4492
YIQ	77.9910, 39.7500, 6.4860

Conversions

Conversions Part 2

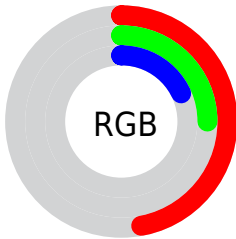
Format	Color
R_{YB}	120, 69, 45
Decimal	7880493
CIE Lab	33.43, 22.96, 21.94
CIE LCh	33, 31.756, 43.705
Yxy	7.7375, 0.4719, 0.3653
Android (android.graphics.Color)	4286070573 (0xFF783F2D)
YUV	77.9910, -16.2646, 36.8419
Hunter-Lab	27.8164, 15.4719, 12.1196

Details

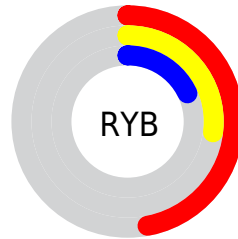
The Hex color **783F2D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2D6678**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **AF705B**, and **441200** is the 20% darker color. If you saturate the color by 10%, you get **783621**, and if you desaturate by 10%, it is **784839**.

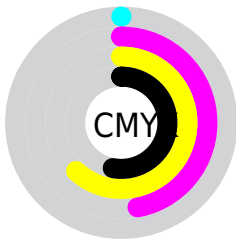
Distribution



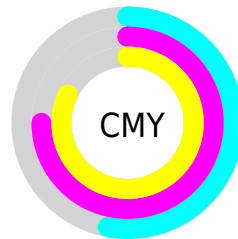
- Red (47%)
- Green (25%)
- Blue (18%)



- Red (47%)
- Yellow (27%)
- Blue (18%)



- Cyan (0%)
- Magenta (47%)
- Yellow (62%)
- Black (53%)



- Cyan (53%)
- Magenta (75%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 783F2D 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 783F2D by changing the saturation by 10% instead.

 783F2D

 783F2D

FFFFFF

 5D2818

 AF705B

 441200

 CC8974

 2B0000

 E9A48D

 000000

 FFBFA8

 FFD3C3

 FFF8DF

 FFFFFC

 783F2D

 783F2D

■ 783621

■ 784839

■ 782D15

■ 785145

■ 782409

■ 785A51

■ 781D00

■ 78635D

■ 786D69

■ 787675

■ 787F81

■ 78888D

■ 789199

Harmonies

Analogous

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



7D3944



783F2D



68481D

Triad

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



783F2D



035A40



384D7F

Complementary

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



783F2D



2D6678

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.



00557F



783F2D



005B5A

Square

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



783F2D



365729



005A71



5F4373

Rectangle

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



783F2D



5A4E1A



005A71



245081

Sweetspot

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



783F2D



9C857E



782D66



4F413D



CFCFCF



4F4F4F

Same Dimension

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



783F2D



9C4327



78642D



3D3937



7D1E00



FC3D00

Inverse Universe

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



2D6678



27809C



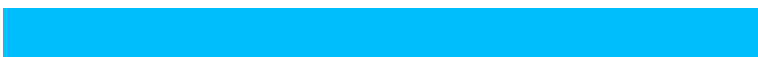
2D4178



373C3D



005F7D



00C0FC

Previews

White Background



This preview shows how the Hex color 783F2D 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

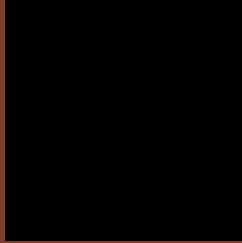
Any Text WCAG AA × Fail

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 783F2D Background



This preview shows how black text looks on a background with the Hex color 783F2D.



This preview shows how white text looks on a background with the Hex color 783F2D.

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
783F2D

Protanopia
564F33

Deuteranopia
614C2A



Tritanopia
793C41

Trichromacy



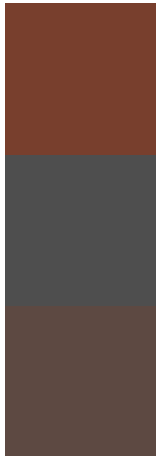
Original Color
783F2D

Protanomaly
624931

Deuteranomaly
69472B

Tritanomaly
793D3A

Monochromacy



Original Color
783F2D

Achromatopsia
4E4E4E

Achromatomaly
5D4942

CSS Examples

Text

The CSS property to change the color of the text to Hex 783F2D 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 #783F2D looks like.

```
.text, #text, p{  
    color:#783F2D  
}
```

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 #783F2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #783F2D
}
```

Border

The CSS property to change the border of an element to Hex 783F2D 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
#783F2D }
```

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

```
.border{ border-color:#783F2D }
```

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

Here you see how a box with a 4 pixel #783F2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #783F2D; -webkit-box-shadow:4px 4px  
4px 4px #783F2D; box-shadow:4px 4px 4px  
4px #783F2D }
```

Background

The CSS property to change the background color of an element to Hex 783F2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#783F2D }
```

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

```
.background{ background-color:#783F2D }
```

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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