

Converting Colors

Hex(783C1E)

Have a look what the booklet for
Hex(783C1E) contains.

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Color

Hex(783C1E)

Conversions

Conversions Part 1

Format	Color
Hex	783C1E
RGB	120, 60, 30
RGB Percent	47%, 24%, 12%
CMY	0.5294, 0.7647, 0.8824
CMYK	0.00, 0.50, 0.75, 0.53
HSL	20°, 60%, 29%
HSV	20°, 75%, 47%
XYZ	9.5959, 7.3185, 2.1352
YIQ	74.5200, 45.3900, 3.3900

Conversions

Conversions Part 2

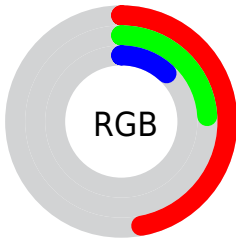
Format	Color
R_{YB}	120, 75, 30
Decimal	7879710
CIE Lab	32.52, 23.68, 29.72
CIE LCh	33, 38.001, 51.462
Yxy	7.3185, 0.5037, 0.3842
Android (android.graphics.Color)	4286069790 (0xFF783C1E)
YUV	74.5200, -21.9484, 39.8860
Hunter-Lab	27.0528, 15.9737, 14.2575

Details

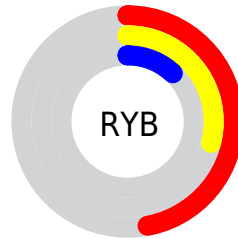
The Hex color **783C1E** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1E5A78**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **B06C4B**, and **420F00** is the 20% darker color. If you saturate the color by 10%, you get **783412**, and if you desaturate by 10%, it is **78442A**.

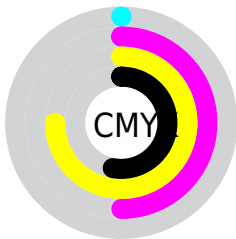
Distribution



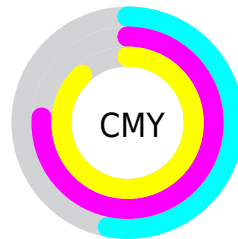
- Red (47%)
- Green (24%)
- Blue (12%)



- Red (47%)
- Yellow (29%)
- Blue (12%)



- Cyan (0%)
- Magenta (50%)
- Yellow (75%)
- Black (53%)



- Cyan (53%)
- Magenta (76%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 783C1E 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 783C1E by changing the saturation by 10% instead.

 783C1E

 783C1E

FFFFFF

 5D2507

 B06C4B

 420F00

 CD8664

 2A0000

 EBA07D

 000000

 FFBC97

 FFD8B2

 FFF4CD

 FFFFEA

 783C1E

 783C1E

■ 783412

■ 78442A

■ 782C06

■ 784C36

■ 782800

■ 785442

■ 785C4E

■ 78645A

■ 786C66

■ 787472

■ 787C7E

■ 78848A

Harmonies

Analogous

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



823238



783C1E



63480B

Triad

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



783C1E



005A43



3D4884

Complementary

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



783C1E



1E5A78

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.



005288



783C1E



005B62

Square

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



783C1E



215725



00587B



683B72

Rectangle

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



783C1E



514F0A



00587B



254C87

Sweetspot

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



783C1E



9C8478



781E5A



4F4039



CFCFCF



4F4F4F

Same Dimension

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



783C1E



9C3E10



78691E



3D3937



7D2A00



FC5400

Inverse Universe

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



1E5A78



106D9C



1E2D78



373B3D



00537D



00A8FC

Previews

White Background



This preview shows how the Hex color 783C1E looks on a white background.

Color Contrast Check

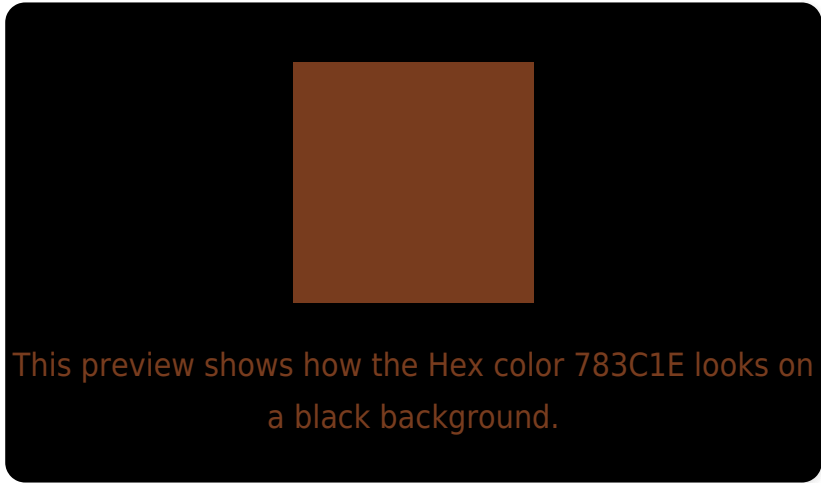
Large Text (above 18pt) WCAG AA ✓ Pass

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

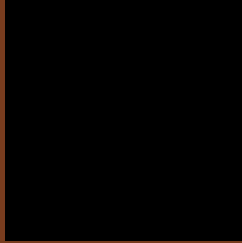
Any Text WCAG AA × Fail

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 783C1E Background



This preview shows how black text looks on a background with the Hex color 783C1E.



This preview shows how white text looks on a background with the Hex color 783C1E.

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
783C1E

Protanopia
564D23

Deuteranopia
61491A



Tritanopia
79393D

Trichromacy



Original Color
783C1E

Protanomaly
624721

Deuteranomaly
69441B

Tritanomaly
793A32

Monochromacy



Original Color
783C1E

Achromatopsia
4B4B4B

Achromatomaly
5B463B

CSS Examples

Text

The CSS property to change the color of the text to Hex 783C1E 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 #783C1E looks like.

```
.text, #text, p{  
    color:#783C1E  
}
```

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 #783C1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #783C1E
}
```

Border

The CSS property to change the border of an element to Hex 783C1E is called "border". The border property can be set on classes, ids or directly on the HTML element.

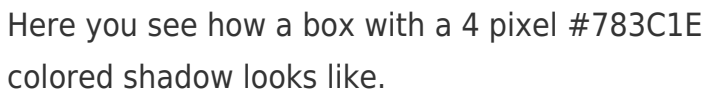
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#783C1E }
```

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

```
.border{ border-color:#783C1E }
```

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



Here you see how a box with a 4 pixel #783C1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #783C1E; -webkit-box-shadow:4px 4px  
4px 4px #783C1E; box-shadow:4px 4px 4px  
4px #783C1E }
```

Background

The CSS property to change the background color of an element to Hex 783C1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#783C1E }
```

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

```
.background{ background-color:#783C1E }
```

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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