

Converting Colors

Hex(783D00)

Have a look what the booklet for
Hex(783D00) contains.

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Color

Hex(783D00)

Conversions

Conversions Part 1

Format	Color
Hex	783D00
RGB	120, 61, 0
RGB Percent	47%, 24%, 0%
CMY	0.5294, 0.7608, 1.0000
CMYK	0.00, 0.49, 1.00, 0.53
HSL	31°, 100%, 24%
HSV	31°, 100%, 47%
XYZ	9.4145, 7.3306, 0.9187
YIQ	71.6870, 54.7450, -6.4630

Conversions

Conversions Part 2

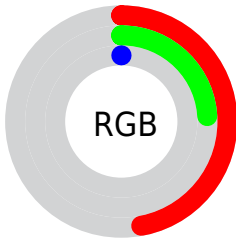
Format	Color
RYB	116, 120, 0
Decimal	7879936
CIELab	32.55, 22.08, 42.98
CIElCh	33, 48.318, 62.802
Yxy	7.3306, 0.5330, 0.4150
Android (android.graphics.Color)	4286070016 (0xFF783D00)
YUV	71.6870, -35.3417, 42.3705
Hunter-Lab	27.0750, 14.6865, 16.9406

Details

The Hex color **783D00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **003B78**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **B26D33**, and **411100** is the 20% darker color. If you saturate the color by 10%, you get **783D00**, and if you desaturate by 10%, it is **78430C**.

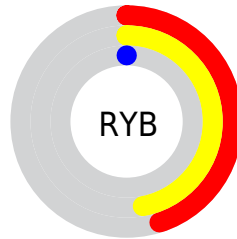
Distribution



Red (47%)

Green (24%)

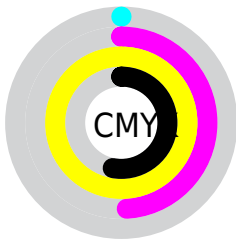
Blue (0%)



Red (45%)

Yellow (47%)

Blue (0%)

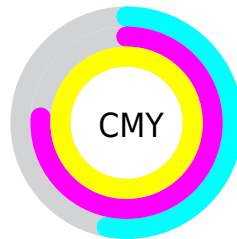


Cyan (0%)

Magenta (49%)

Yellow (100%)

Black (53%)



Cyan (53%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 783D00 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 783D00 by changing the saturation by 10% instead.

 783D00

 783D00

 FFFFEB

 5C2600

 B26D33

 411100

 CF874B

 290000

 EDA164

 000000

 FFBC7E

 FFD898

 FFF5B3

 FFFFCE

 783D00

 78430C

 784918

 784F24

 785530

 785A3C

 786048

 786654

 786C60

 78726C

Harmonies

Analogous

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



8B2A26



783D00



5A4C00

Triad

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



783D00



005D4F



4F418D

Complementary

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



783D00



003B78

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.



005099



783D00



005D75

Square

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



783D00



005B27



005990



7C2D70

Rectangle

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



783D00



425300



005990



354693

Sweetspot

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



783D00



9C856D



78003C



4F4133



CFCFCF



4F4F4F

Same Dimension

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



783D00



9C4F00



787800



3D3A37



7D4000



FC8000

Inverse Universe

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



003B78



004C9C



000078



373A3D



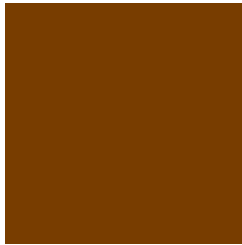
003D7D



007CFC

Previews

White Background



This preview shows how the Hex color 783D00 looks on a white background.

Color Contrast Check

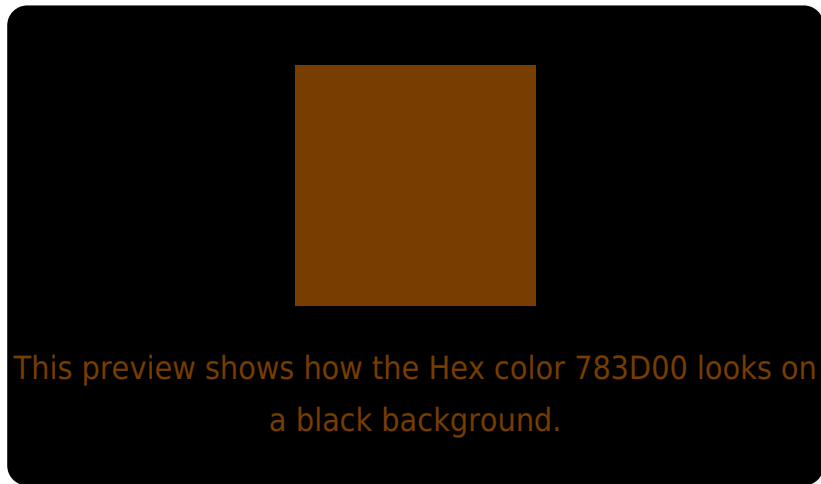
Large Text (above 18pt) WCAG AA ✓ Pass

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

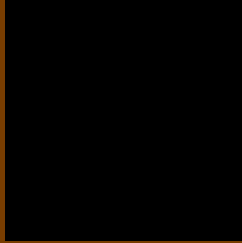
Any Text WCAG AA × Fail

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 783D00 Background



This preview shows how black text looks on a background with the Hex color 783D00.



This preview shows how white text looks on a background with the Hex color 783D00.

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
783D00

Protanopia
574E0A

Deuteranopia
624900



Tritanopia
7A393D

Trichromacy



Original Color
783D00

Protanomaly
634806

Deuteranomaly
6A4500

Tritanomaly
793A27

Monochromacy



Original Color
783D00

Achromatopsia
484848

Achromatomaly
59442E

CSS Examples

Text

The CSS property to change the color of the text to Hex 783D00 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 #783D00 looks like.

```
.text, #text, p{  
    color:#783D00  
}
```

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 #783D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #783D00
}
```

Border

The CSS property to change the border of an element to Hex 783D00 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
#783D00 }
```

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

```
.border{ border-color:#783D00 }
```

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

Here you see how a box with a 4 pixel #783D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #783D00; -webkit-box-shadow:4px 4px  
4px 4px #783D00; box-shadow:4px 4px 4px  
4px #783D00 }
```

Background

The CSS property to change the background color of an element to Hex 783D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#783D00 }
```

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

```
.background{ background-color:#783D00 }
```

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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