

# Converting Colors

Hex(785B3D)

Have a look what the booklet for  
Hex(785B3D) contains.

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**Color**

**Hex(785B3D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	785B3D
RGB	120, 91, 61
RGB Percent	47%, 36%, 24%
CMY	0.5294, 0.6431, 0.7608
CMYK	0.00, 0.24, 0.49, 0.53
HSL	31°, 33%, 35%
HSV	31°, 49%, 47%
XYZ	12.3291, 11.8122, 6.0450
YIQ	96.2510, 26.9140, -3.1820

# Conversions

## Conversions Part 2

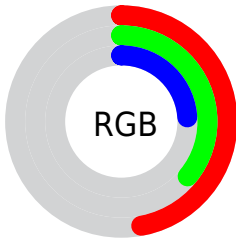
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 120, 61
Decimal	7887677
CIELab	40.92, 7.78, 21.83
CIELCh	41, 23.178, 70.393
Yxy	11.8122, 0.4084, 0.3913
Android (android.graphics.Color)	4286077757 (0xFF785B3D)
YUV	96.2510, -17.3787, 20.8279
Hunter-Lab	34.3688, 3.8878, 13.6298

# Details

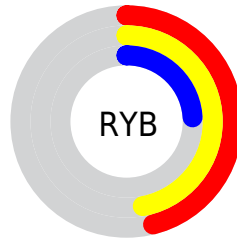
The Hex color **785B3D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3D5A78**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **AE8D6D**, and **452D12** is the 20% darker color. If you saturate the color by 10%, you get **785531**, and if you desaturate by 10%, it is **786149**.

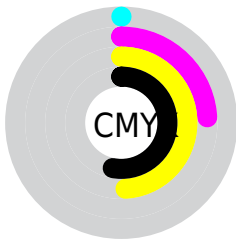
# Distribution



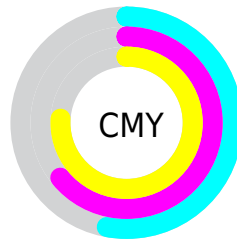
- Red (47%)
- Green (36%)
- Blue (24%)



- Red (46%)
- Yellow (47%)
- Blue (24%)



- Cyan (0%)
- Magenta (24%)
- Yellow (49%)
- Black (53%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 785B3D 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 785B3D by changing the saturation by 10% instead.



 785B3D

 785B3D

FFFFFF

 5E4427

 AE8D6D

 452D12

 CAA786

 2E1900

 E6C3A1

 150000

 FFDFBC

 000000

 FFFBD8

 FFFFF4

 785B3D

 785B3D

 785531

 786149

■ 784F25

■ 786755

■ 784919

■ 786D61

■ 78430D

■ 78736D

■ 783E01

■ 787879

■ 783D00

■ 787E85

■ 788491

■ 788A9D

■ 7890A9

# Harmonies

## Analogous

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



835549



785B3D



67613B

# Triad

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



785B3D



246B67



6B597D

# Complementary

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



785B3D



3D5A78

# 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.



506086



785B3D



1B6A78

# Square

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



785B3D



3B6A53



326684



7E546E

# Rectangle

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



785B3D



59653F



326684



635B81



# Sweetspot

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



785B3D



9C9084



783D5A



4F4841



CFCFCF



4F4F4F



# Same Dimension

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



785B3D



9C6E40



78783D



3D3A37



7D4000



FC8000



# Inverse Universe

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



3D5A78



406D9C



3D3D78



373A3D



003D7D

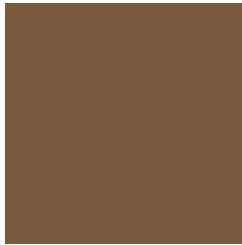


007CFC



# Previews

## White Background



This preview shows how the Hex color 785B3D looks on a white background.

## Color Contrast Check

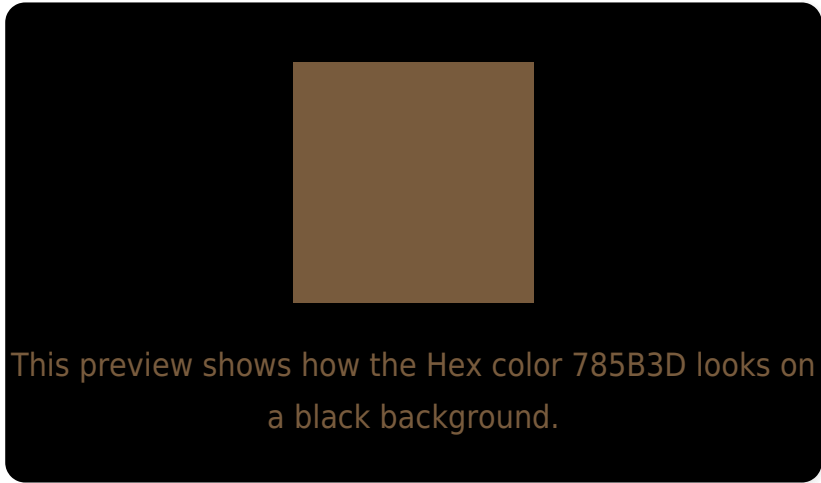
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 785B3D Background



This preview shows how black text looks on a background with the Hex color 785B3D.



This preview shows how white text looks on a background with the Hex color 785B3D.

# 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**  
785B3D

**Protanopia**  
69613F

**Deuteranopia**  
755C3D



**Tritanopia**  
7B575E

# Trichromacy



**Original Color**  
785B3D

**Protanomaly**  
6E5F3E

**Deuteranomaly**  
765C3D

**Tritanomaly**  
7A5852

# Monochromacy



**Original Color**  
785B3D

**Achromatopsia**  
606060

**Achromatomaly**  
695E53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 785B3D 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 #785B3D looks like.

```
.text, #text, p{  
    color:#785B3D  
}
```

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 #785B3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #785B3D }  
}
```

## Border

The CSS property to change the border of an element to Hex 785B3D 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 #785B3D }  
}
```

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

```
.border{ border-color:#785B3D }
```

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

Here you see how a box with a 4 pixel #785B3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #785B3D; -webkit-box-shadow:4px 4px  
4px 4px #785B3D; box-shadow:4px 4px 4px  
4px #785B3D }
```

# Background

The CSS property to change the background color of an element to Hex 785B3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#785B3D }
```

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

```
.background{ background-color:#785B3D }
```

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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