

# Converting Colors

Hex(803D3D)

Have a look what the booklet for  
Hex(803D3D) contains.

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# Color

**Hex(803D3D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	803D3D
RGB	128, 61, 61
RGB Percent	50%, 24%, 24%
CMY	0.4980, 0.7608, 0.7608
CMYK	0.00, 0.52, 0.52, 0.50
HSL	0°, 35%, 37%
HSV	0°, 52%, 50%
XYZ	11.4131, 8.2636, 5.4084
YIQ	81.0330, 39.9320, 14.2040

# Conversions

## Conversions Part 2

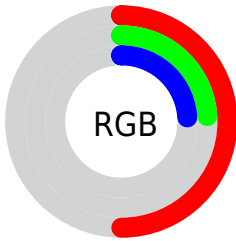
Format	Color
<b>R<sub>YB</sub></b>	128, 61, 61
Decimal	8404285
CIE Lab	34.53, 28.89, 13.59
CIE LCh	35, 31.930, 25.200
Yxy	8.2636, 0.4550, 0.3294
Android (android.graphics.Color)	4286594365 (0xFF803D3D)
YUV	81.0330, -9.8763, 41.1901
Hunter-Lab	28.7465, 20.5630, 8.9677

# Details

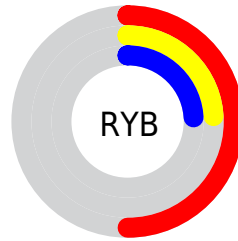
The Hex color **803D3D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3D8080**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **B86E6C**, and **4B0D13** is the 20% darker color. If you saturate the color by 10%, you get **803030**, and if you desaturate by 10%, it is **804A4A**.

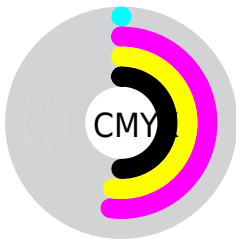
# Distribution



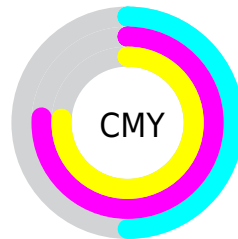
- Red (50%)
- Green (24%)
- Blue (24%)



- Red (50%)
- Yellow (24%)
- Blue (24%)



- Cyan (0%)
- Magenta (52%)
- Yellow (52%)
- Black (50%)



- Cyan (50%)
- Magenta (76%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 803D3D 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 803D3D by changing the saturation by 10% instead.



 803D3D

 803D3D

FFFFFF

 652527

 B86E6C

 4B0D13

 D58886

 320000

 F2A3A0

 0D0000

 FFBE6B

 000000

 FFDAD6

 FFF7F3

 803D3D

 803D3D

 803030

 804A4A

 802323

 805757

 801717

 806363


 800A0A

 807070

 800000

 807D7D

 808A8A

 809797

 80A3A3

 80B0B0

# Harmonies

## Analogous

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



7E3C56



803D3D



764528

# Triad

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



803D3D



2B5B33



0D5584

# Complementary

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



803D3D



3D8080

# 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.



005B7A



803D3D



005E4C

# Square

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



803D3D



4A5621



005E66



4C4C7F

# Rectangle

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



803D3D



6A4B1F



005E66



005782



# Sweetspot

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



803D3D



A68B8B



803D80



544444



D4D4D4



545454



# Same Dimension

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



803D3D



A63D3D



805F3D



403939



800000



000000



# Inverse Universe

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



3D8080



3DA6A6



3D5F80



394040



008080

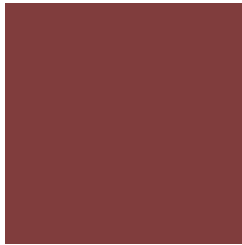


000000



# Previews

## White Background



This preview shows how the Hex color 803D3D looks on a white background.

## Color Contrast Check

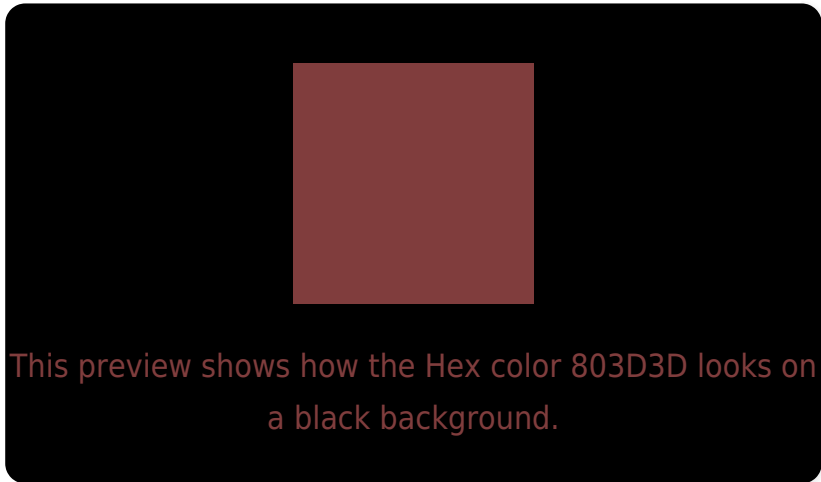
Large Text (above 18pt) WCAG AA ✓ Pass

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 803D3D Background



This preview shows how black text looks on a background with the Hex color 803D3D.



This preview shows how white text looks on a background with the Hex color 803D3D.

# 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**  
803D3D

**Protanopia**  
565247

**Deuteranopia**  
614E3A



**Tritanopia**  
803C41

# Trichromacy



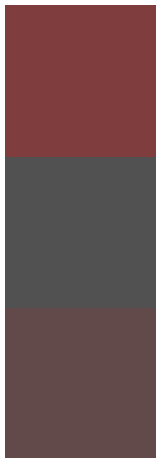
**Original Color**  
803D3D

**Protanomaly**  
654A43

**Deuteranomaly**  
6C483B

**Tritanomaly**  
803C40

# Monochromacy



**Original Color**  
803D3D

**Achromatopsia**  
515151

**Achromatomaly**  
624A4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 803D3D 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 #803D3D looks like.

```
.text, #text, p{  
    color:#803D3D  
}
```

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 #803D3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #803D3D
}
```

## Border

The CSS property to change the border of an element to Hex 803D3D is called "border". The border property can be set on classes, ids or directly on the HTML element.

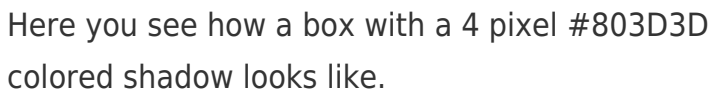
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#803D3D }
```

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

```
.border{ border-color:#803D3D }
```

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



Here you see how a box with a 4 pixel #803D3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #803D3D; -webkit-box-shadow:4px 4px  
4px 4px #803D3D; box-shadow:4px 4px 4px  
4px #803D3D }
```

# Background

The CSS property to change the background color of an element to Hex 803D3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#803D3D }
```

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

```
.background{ background-color:#803D3D }
```

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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