

# Converting Colors

Hex(7D3755)

Have a look what the booklet for  
Hex(7D3755) contains.

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# Color

**Hex(7D3755)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D3755
RGB	125, 55, 85
RGB Percent	49%, 22%, 33%
CMY	0.5098, 0.7843, 0.6667
CMYK	0.00, 0.56, 0.32, 0.51
HSL	334°, 39%, 35%
HSV	334°, 56%, 49%
XYZ	11.4633, 7.7482, 9.4857
YIQ	79.3500, 32.0900, 24.1700

# Conversions

## Conversions Part 2

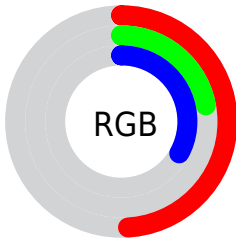
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 55, 85
Decimal	8206165
CIE <sub>Lab</sub>	33.45, 33.88, -3.40
CIE <sub>LCh</sub>	33, 34.047, 354.273
Yxy	7.7482, 0.3995, 0.2700
Android (android.graphics.Color)	4286396245 (0xFF7D3755)
YUV	79.3500, 2.7855, 40.0351
Hunter-Lab	27.8356, 24.7979, -0.7196

# Details

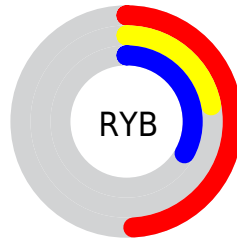
The Hex color **7D3755** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **377D5F**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **B46987**, and **490328** is the 20% darker color. If you saturate the color by 10%, you get **7D2B4E**, and if you desaturate by 10%, it is **7D445C**.

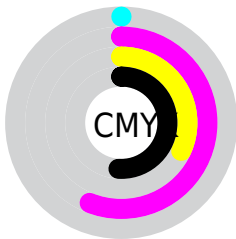
# Distribution



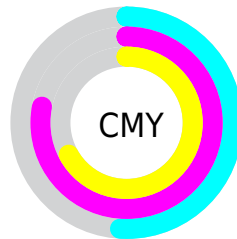
- Red (49%)
- Green (22%)
- Blue (33%)



- Red (49%)
- Yellow (22%)
- Blue (33%)



- Cyan (0%)
- Magenta (56%)
- Yellow (32%)
- Black (51%)



- Cyan (51%)
- Magenta (78%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D3755 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 7D3755 by changing the saturation by 10% instead.



 7D3755

 7D3755

FFFFFF

 631F3E

 B46987

 490328

 D083A1

 310014

 ED9DBC

 0E0000

 FFB9D7

 000000

 FFD5F4

 FFF1FF

 7D3755

 7D3755

 7D2B4E

 7D445C

 7D1E47

 7D5063

 7D1240

 7D5D6A

 7D0538

 7D6972

 7D0036

 7D7679

 7D8280

 7D8F87

 7D9B8E

 7DA895

# Harmonies

## Analogous

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



6B3F6E



7D3755



80383A

# Triad

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



7D3755



48541A



00597A

# Complementary

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



7D3755



377D5F

# 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.



005C64



7D3755



26592E

# Square

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



7D3755



624B16



005C48



005384

# Rectangle

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



7D3755



7A3E2A



005C48



005A74



# Sweetspot

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



7D3755



A38793



5F377D



524148



D1D1D1



525252



# Same Dimension

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



7D3755



A33665



7D3C37



40393C



800037



000000



# Inverse Universe

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



7D3755



A33665



37787D



40393C



800037

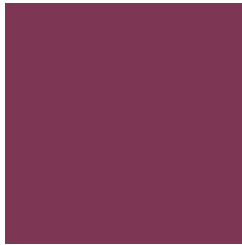


000000



# Previews

## White Background



This preview shows how the Hex color 7D3755 looks on a white background.

## Color Contrast Check

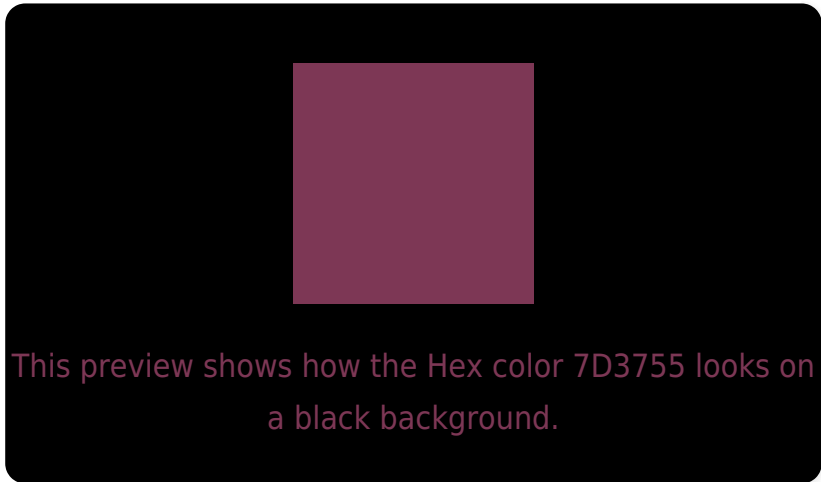
Large Text (above 18pt) WCAG AA ✓ Pass

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 7D3755 Background



This preview shows how black text looks on a background with the Hex color 7D3755.



This preview shows how white text looks on a background with the Hex color 7D3755.

# 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**  
7D3755

**Protanopia**  
4A4F64

**Deuteranopia**  
564D52



**Tritanopia**  
7B3B40

# Trichromacy



**Original Color**  
7D3755

**Protanomaly**  
5D465F

**Deuteranomaly**  
644553

**Tritanomaly**  
7C3A48

# Monochromacy



**Original Color**  
7D3755

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
604651

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D3755 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 #7D3755 looks like.

```
.text, #text, p{  
    color:#7D3755  
}
```

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 #7D3755 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D3755
}
```

## Border

The CSS property to change the border of an element to Hex 7D3755 is called "border". The border property can be set on classes, ids or directly on the HTML element.

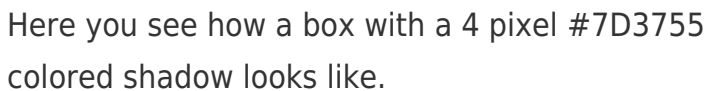
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D3755 }
```

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

```
.border{ border-color:#7D3755 }
```

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



Here you see how a box with a 4 pixel #7D3755 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D3755; -webkit-box-shadow:4px 4px  
4px 4px #7D3755; box-shadow:4px 4px 4px  
4px #7D3755 }
```

# Background

The CSS property to change the background color of an element to Hex 7D3755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D3755 }
```

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

```
.background{ background-color:#7D3755 }
```

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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