

# Converting Colors

Hex(7D3E45)

Have a look what the booklet for  
Hex(7D3E45) contains.

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**Color**

**Hex(7D3E45)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D3E45
RGB	125, 62, 69
RGB Percent	49%, 24%, 27%
CMY	0.5098, 0.7569, 0.7294
CMYK	0.00, 0.50, 0.45, 0.51
HSL	353°, 34%, 37%
HSV	353°, 50%, 49%
XYZ	11.2542, 8.2349, 6.6266
YIQ	81.6350, 35.3010, 15.5330

# Conversions

## Conversions Part 2

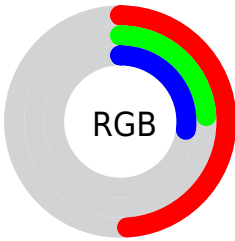
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 62, 69
Decimal	8207941
CIE <sub>Lab</sub>	34.47, 27.99, 8.34
CIE <sub>LCh</sub>	34, 29.210, 16.596
Yxy	8.2349, 0.4309, 0.3153
Android (android.graphics.Color)	4286398021 (0xFF7D3E45)
YUV	81.6350, -6.2291, 38.0311
Hunter-Lab	28.6965, 19.7856, 6.3964

# Details

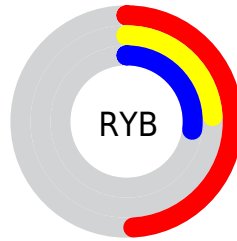
The Hex color **7D3E45** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3E7D76**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **B46F75**, and **490F1A** is the 20% darker color. If you saturate the color by 10%, you get **7D323A**, and if you desaturate by 10%, it is **7D4B50**.

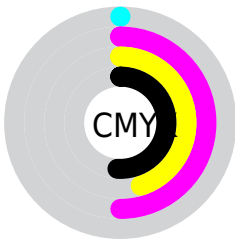
# Distribution



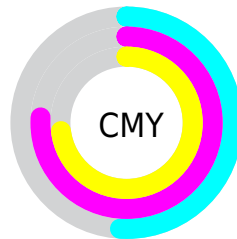
- Red (49%)
- Green (24%)
- Blue (27%)



- Red (49%)
- Yellow (24%)
- Blue (27%)



- Cyan (0%)
- Magenta (50%)
- Yellow (45%)
- Black (51%)



- Cyan (51%)
- Magenta (76%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D3E45 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 7D3E45 by changing the saturation by 10% instead.



 7D3E45

 7D3E45

FFFFFF

 62272F

 B46F75

 490F1A

 D0898F

 310000

 EEA4A9

 0B0000

 FFBFC4

 000000

 FFDBE0

 FFF8FD

 7D3E45

 7D3E45

 7D323A

 7D4B50

 7D252F

 7D575B

 7D1824

 7D6466

 7D0C19

 7D7071

 7D000E

 7D7D7D

 7D8988

 7D9593

 7DA29E

 7DAEA9

# Harmonies

## Analogous

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



773F5C



7D3E45



774430

# Triad

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



7D3E45



385930



00577E

# Complementary

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



7D3E45



3E7D76

# 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.



005B72



7D3E45



105C46

# Square

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



7D3E45



525423



005D5E



424F7E

# Rectangle

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



7D3E45



6E4926



005D5E



00587B



# Sweetspot

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



7D3E45



A38B8D



763E7D



524345



D1D1D1



525252



# Same Dimension

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



7D3E45



A3414C



7D563E



40393A



80000E



000000



# Inverse Universe

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



7D3E45



A3414C



3E657D



40393A



80000E

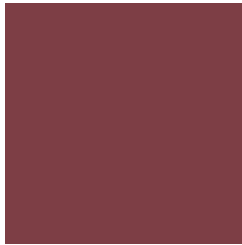


000000



# Previews

## White Background



This preview shows how the Hex color 7D3E45 looks on a white background.

## Color Contrast Check

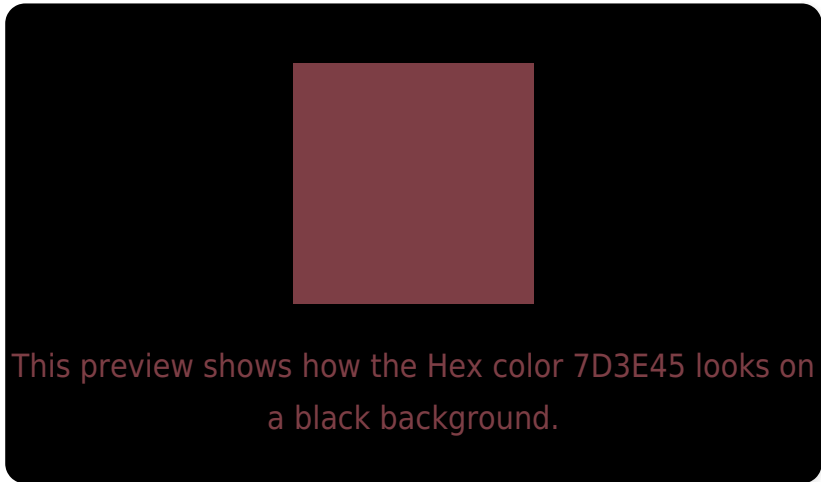
Large Text (above 18pt) WCAG AA ✓ Pass

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 7D3E45 Background



This preview shows how black text looks on a background with the Hex color 7D3E45.



This preview shows how white text looks on a background with the Hex color 7D3E45.

# 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**  
7D3E45

**Protanopia**  
54514F

**Deuteranopia**  
5F4E42



**Tritanopia**  
7D3E43

# Trichromacy



**Original Color**  
7D3E45

**Protanomaly**  
634A4B

**Deuteranomaly**  
6A4843

**Tritanomaly**  
7D3E44

# Monochromacy



**Original Color**  
7D3E45

**Achromatopsia**  
525252

**Achromatomaly**  
624B4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D3E45 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 #7D3E45 looks like.

```
.text, #text, p{  
    color:#7D3E45  
}
```

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 #7D3E45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D3E45  
}
```

## Border

The CSS property to change the border of an element to Hex 7D3E45 is called "border". The border property can be set on classes, ids or directly on the HTML element.

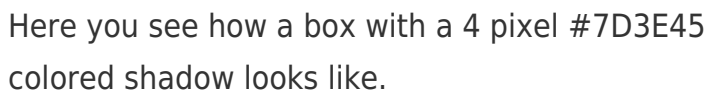
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#7D3E45 }
```

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

```
.border{ border-color:#7D3E45 }
```

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



Here you see how a box with a 4 pixel #7D3E45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D3E45; -webkit-box-shadow:4px 4px  
4px 4px #7D3E45; box-shadow:4px 4px 4px  
4px #7D3E45 }
```

# Background

The CSS property to change the background color of an element to Hex 7D3E45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D3E45 }
```

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

```
.background{ background-color:#7D3E45 }
```

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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