

# Converting Colors

Hex(7C453D)

Have a look what the booklet for  
Hex(7C453D) contains.

<b>Hex(7C453D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(7C453D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C453D
RGB	124, 69, 61
RGB Percent	49%, 27%, 24%
CMY	0.5137, 0.7294, 0.7608
CMYK	0.00, 0.44, 0.51, 0.51
HSL	8°, 34%, 36%
HSV	8°, 51%, 49%
XYZ	11.2826, 8.8783, 5.5339
YIQ	84.5330, 35.3480, 9.1720

# Conversions

## Conversions Part 2

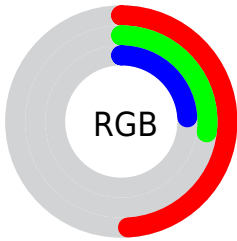
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 70, 61
Decimal	8144189
CIELab	35.75, 22.68, 15.14
CIElCh	36, 27.265, 33.728
Yxy	8.8783, 0.4391, 0.3455
Android (android.graphics.Color)	4286334269 (0xFF7C453D)
YUV	84.5330, -11.6018, 34.6126
Hunter-Lab	29.7964, 15.4465, 9.8459

# Details

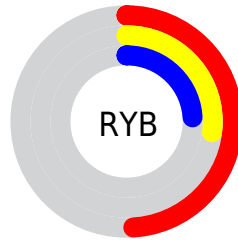
The Hex color **7C453D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3D747C**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **B3766C**, and **481813** is the 20% darker color. If you saturate the color by 10%, you get **7C3A31**, and if you desaturate by 10%, it is **7C5049**.

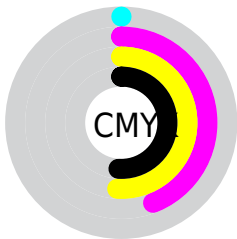
# Distribution



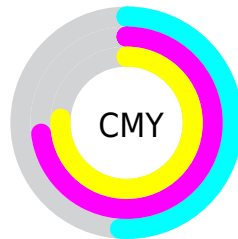
- Red (49%)
- Green (27%)
- Blue (24%)



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



- Cyan (0%)
- Magenta (44%)
- Yellow (51%)
- Black (51%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C453D 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 7C453D by changing the saturation by 10% instead.



 7C453D

 7C453D

FFFFFF

 622E27

 B3766C

 481813

 CF9086

 300100

 ECABA0

 0B0000

 FFC6BB

 000000

 FFE2D7

 FFFFF3

 7C453D

 7C453D

 7C3A31

 7C5049

 7C2F24

 7C5B56

 7C2518

 7C6562

 7C1A0B

 7C706F

 7C1000

 7C7B7B

 7C8687

 7C9194

 7C9CA0

 7CA6AD

# Harmonies

## Analogous

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



7D4252



7C453D



714C2D

# Triad

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



7C453D



2C5E40



36557F

# Complementary

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



7C453D



3D747C

# 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.



005B7B



7C453D



005F56

# Square

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



7C453D



485A2F



005F6C



5A4D78

# Rectangle

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



7C453D



665128



005F6C



26587F



# Sweetspot

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



7C453D



A18C89



7C3D75



524543



D1D1D1



525252



# Same Dimension

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



7C453D



A14B3F



7C643D



3D3837



7D1000



FC2000



# Inverse Universe

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



3D747C



3F94A1



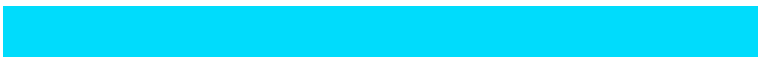
3D557C



373C3D



006D7D



00DCFC



# Previews

## White Background



This preview shows how the Hex color 7C453D looks on a white background.

## Color Contrast Check

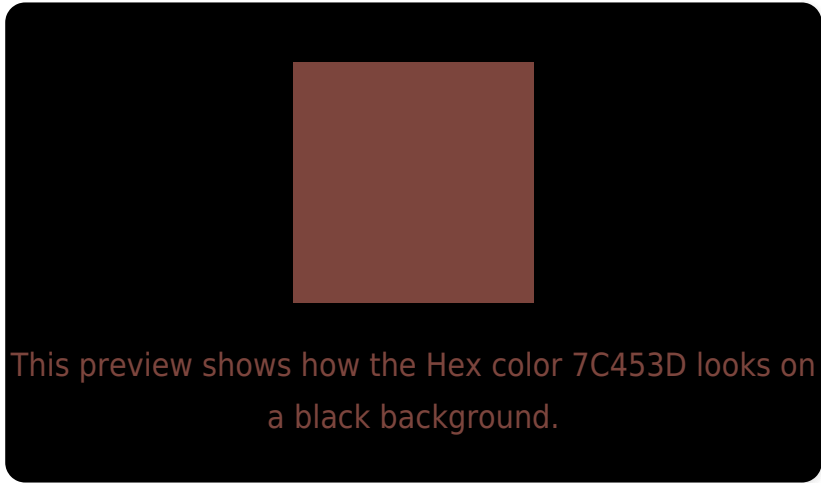
Large Text (above 18pt) WCAG AA ✓ Pass

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

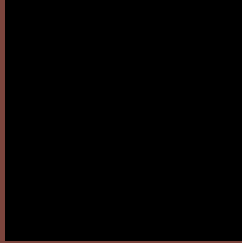
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7C453D Background



This preview shows how black text looks on a background with the Hex color 7C453D.

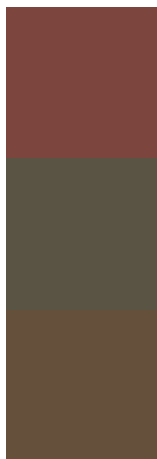


This preview shows how white text looks on a background with the Hex color 7C453D.

# 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**  
7C453D

**Protanopia**  
5A5444

**Deuteranopia**  
65513B



**Tritanopia**  
7D4348

# Trichromacy



**Original Color**  
7C453D

**Protanomaly**  
664F41

**Deuteranomaly**  
6D4D3C

**Tritanomaly**  
7D4444

# Monochromacy



**Original Color**  
7C453D

**Achromatopsia**  
555555

**Achromatomaly**  
634F4C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C453D 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 #7C453D looks like.

```
.text, #text, p{  
    color:#7C453D  
}
```

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 #7C453D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C453D
}
```

## Border

The CSS property to change the border of an element to Hex 7C453D 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
#7C453D }
```

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

```
.border{ border-color:#7C453D }
```

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

Here you see how a box with a 4 pixel #7C453D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C453D; -webkit-box-shadow:4px 4px  
4px 4px #7C453D; box-shadow:4px 4px 4px  
4px #7C453D }
```

# Background

The CSS property to change the background color of an element to Hex 7C453D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C453D }
```

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

```
.background{ background-color:#7C453D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor