

# Converting Colors

Hex(7B5435)

Have a look what the booklet for  
Hex(7B5435) contains.

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**Color**

**Hex(7B5435)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B5435
RGB	123, 84, 53
RGB Percent	48%, 33%, 21%
CMY	0.5176, 0.6706, 0.7922
CMYK	0.00, 0.32, 0.57, 0.52
HSL	27°, 40%, 35%
HSV	27°, 57%, 48%
XYZ	11.9813, 10.8086, 4.8230
YIQ	92.1270, 33.1950, -1.3730

# Conversions

## Conversions Part 2

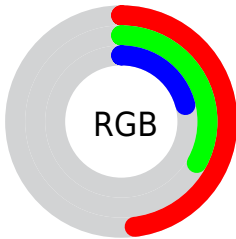
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 109, 53
Decimal	8082485
CIE <sub>Lab</sub>	39.26, 12.53, 24.51
CIE <sub>LCh</sub>	39, 27.522, 62.921
Yxy	10.8086, 0.4339, 0.3914
Android (android.graphics.Color)	4286272565 (0xFF7B5435)
YUV	92.1270, -19.2896, 27.0756
Hunter-Lab	32.8765, 7.5175, 14.3158

# Details

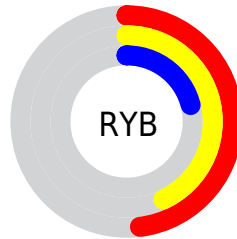
The Hex color **7B5435** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **355C7B**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **B28664**, and **472709** is the 20% darker color. If you saturate the color by 10%, you get **7B4D29**, and if you desaturate by 10%, it is **7B5B41**.

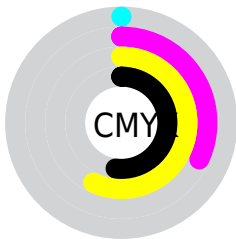
# Distribution



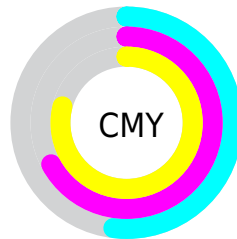
- Red (48%)
- Green (33%)
- Blue (21%)



- Red (48%)
- Yellow (43%)
- Blue (21%)



- Cyan (0%)
- Magenta (32%)
- Yellow (57%)
- Black (52%)



- Cyan (52%)
- Magenta (67%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B5435 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 7B5435 by changing the saturation by 10% instead.



 7B5435

 7B5435

FFFFFF

 613D1F

 B28664

 472709

 CEA07D

 2F1200

 EBBB97

 150000

 FFD7B2

 000000

 FFF3CE

 FFFFEA

 7B5435

 7B5435

 7B4D29

 7B5B41

■ 7B461C

■ 7B624E

■ 7B3F10

■ 7B695A

■ 7B3904

■ 7B6F66

■ 7B3600

■ 7B7673

■ 7B7D7F

■ 7B848B

■ 7B8B97

■ 7B92A4

# Harmonies

## Analogous

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



864D45



7B5435



685C2F

# Triad

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



7B5435



0A685E



625682

# Complementary

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



7B5435



355C7B

# 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.



3D5E89



7B5435



006774

# Square

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



7B5435



356647



016484



7A4E71

# Rectangle

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



7B5435



596032



016484



575986



# Sweetspot

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



7B5435



A19185



7B355D



524941



D1D1D1



525252



# Same Dimension

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



7B5435



A16433



7B7635



3D3A37



7D3700



FC7000



# Inverse Universe

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



355C7B



3370A1



353A7B



373A3D



00467D



008DFC



# Previews

## White Background



This preview shows how the Hex color 7B5435 looks on a white background.

## Color Contrast Check

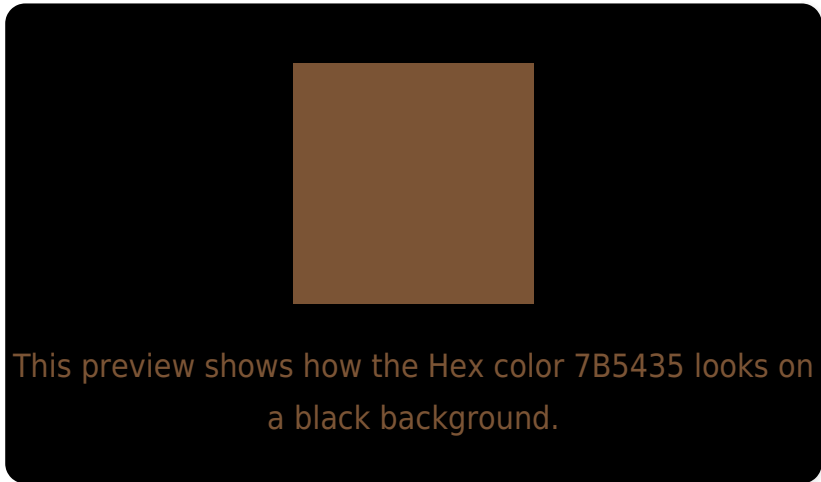
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B5435 Background



This preview shows how black text looks on a background with the Hex color 7B5435.



This preview shows how white text looks on a background with the Hex color 7B5435.

# 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**  
7B5435

**Protanopia**  
655D38

**Deuteranopia**  
715934



**Tritanopia**  
7E5056

# Trichromacy



**Original Color**  
7B5435

**Protanomaly**  
6D5A37

**Deuteranomaly**  
755734

**Tritanomaly**  
7D514A

# Monochromacy



**Original Color**  
7B5435

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
67594E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B5435 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 #7B5435 looks like.

```
.text, #text, p{  
    color:#7B5435  
}
```

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 #7B5435 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B5435
}
```

## Border

The CSS property to change the border of an element to Hex 7B5435 is called "border". The border property can be set on classes, ids or directly on the HTML element.

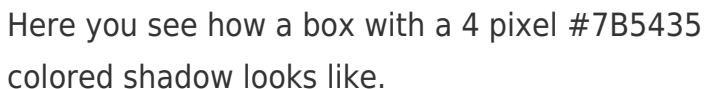
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B5435 }
```

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

```
.border{ border-color:#7B5435 }
```

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



Here you see how a box with a 4 pixel #7B5435 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B5435; -webkit-box-shadow:4px 4px  
4px 4px #7B5435; box-shadow:4px 4px 4px  
4px #7B5435 }
```

# Background

The CSS property to change the background color of an element to Hex 7B5435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B5435 }
```

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

```
.background{ background-color:#7B5435 }
```

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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