

# Converting Colors

Hex(7A5D35)

Have a look what the booklet for  
Hex(7A5D35) contains.

<b>Hex(7A5D35)</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(7A5D35)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A5D35
RGB	122, 93, 53
RGB Percent	48%, 36%, 21%
CMY	0.5216, 0.6353, 0.7922
CMYK	0.00, 0.24, 0.57, 0.52
HSL	35°, 39%, 34%
HSV	35°, 57%, 48%
XYZ	12.5830, 12.2233, 5.0643
YIQ	97.1110, 30.1240, -6.2920

# Conversions

## Conversions Part 2

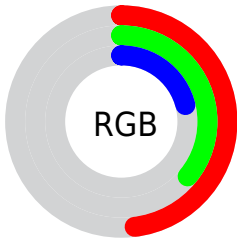
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 122, 53
Decimal	8019253
CIE <sub>Lab</sub>	41.57, 6.69, 27.33
CIE <sub>LCh</sub>	42, 28.138, 76.248
Yxy	12.2233, 0.4212, 0.4092
Android (android.graphics.Color)	4286209333 (0xFF7A5D35)
YUV	97.1110, -21.7467, 21.8277
Hunter-Lab	34.9619, 3.0600, 15.8850

# Details

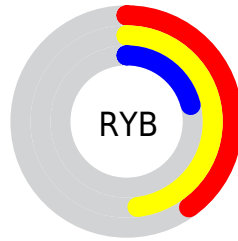
The Hex color **7A5D35** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **35527A**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **B08F65**, and **472F08** is the 20% darker color. If you saturate the color by 10%, you get **7A5829**, and if you desaturate by 10%, it is **7A6241**.

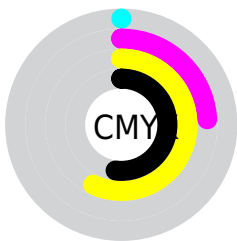
# Distribution



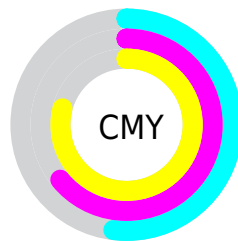
- Red (48%)
- Green (36%)
- Blue (21%)



- Red (40%)
- Yellow (48%)
- Blue (21%)



- Cyan (0%)
- Magenta (24%)
- Yellow (57%)
- Black (52%)



- Cyan (52%)
- Magenta (64%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A5D35 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 7A5D35 by changing the saturation by 10% instead.





7A5D35



7A5D35

FFFFFF



60451F



B08F65



472F08



CDAA7E



2F1A00



E9C598



160000



FFE1B3



000000



FFFDCF



FFFFEB



7A5D35



7A5D35



7A5829



7A6241

■ 7A531D

■ 7A674D

■ 7A4E10

■ 7A6C5A

■ 7A4804

■ 7A7266

■ 7A4700

■ 7A7772

■ 7A7C7E

■ 7A818A

■ 7A8697

■ 7A8BA3

# Harmonies

## Analogous

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



895542



7A5D35



646535

# Triad

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



7A5D35



006E6E



745782

# Complementary

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



7A5D35



35527A

# 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.



54608E



7A5D35



006C83

# Square

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



7A5D35



2A6E56



28688F



88516E

# Rectangle

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



7A5D35



53693C



28688F



6B5A87



# Sweetspot

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



7A5D35



9E9383



7A3553



4F483F



CFCFCF



4F4F4F



# Same Dimension

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



7A5D35



9E7133



757A35



3D3B37



7D4800



FC9200



# Inverse Universe

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



35527A



33609E



3A357A



373A3D



00357D



006AFC



# Previews

## White Background



This preview shows how the Hex color 7A5D35 looks on a white background.

## Color Contrast Check

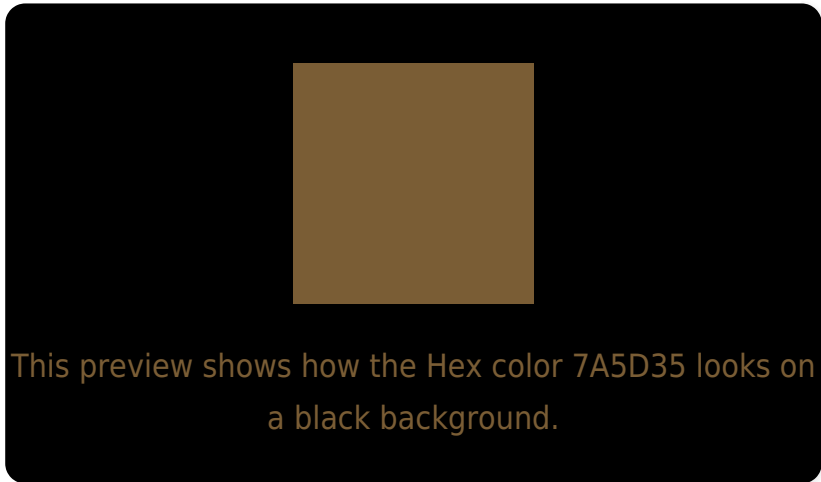
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A5D35 Background



This preview shows how black text looks on a background with the Hex color 7A5D35.



This preview shows how white text looks on a background with the Hex color 7A5D35.

# 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**


7A5D35

**Protanopia**

6C6237

**Deuteranopia**

785E35



**Tritanopia**  
7D585F

# Trichromacy



**Original Color**  
7A5D35

**Protanomaly**  
716036

**Deuteranomaly**  
795E35

**Tritanomaly**  
7C5A50

# Monochromacy



**Original Color**  
7A5D35

**Achromatopsia**  
616161

**Achromatomaly**  
6A6051

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A5D35 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 #7A5D35 looks like.

```
.text, #text, p{  
    color:#7A5D35  
}
```

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 #7A5D35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A5D35
}
```

## Border

The CSS property to change the border of an element to Hex 7A5D35 is called "border". The border property can be set on classes, ids or directly on the HTML element.

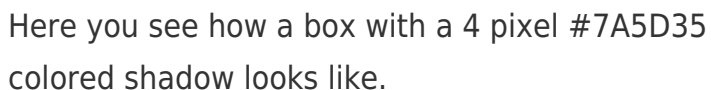
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A5D35 }
```

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

```
.border{ border-color:#7A5D35 }
```

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



Here you see how a box with a 4 pixel #7A5D35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A5D35; -webkit-box-shadow:4px 4px  
4px 4px #7A5D35; box-shadow:4px 4px 4px  
4px #7A5D35 }
```

# Background

The CSS property to change the background color of an element to Hex 7A5D35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A5D35 }
```

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

```
.background{ background-color:#7A5D35 }
```

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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