

# Converting Colors

Hex(7A6338)

Have a look what the booklet for  
Hex(7A6338) contains.

<b>Hex(7A6338)</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(7A6338)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A6338
RGB	122, 99, 56
RGB Percent	48%, 39%, 22%
CMY	0.5216, 0.6118, 0.7804
CMYK	0.00, 0.19, 0.54, 0.52
HSL	39°, 37%, 35%
HSV	39°, 54%, 48%
XYZ	13.2017, 13.3468, 5.6218
YIQ	100.9750, 27.5110, -8.4970

# Conversions

## Conversions Part 2

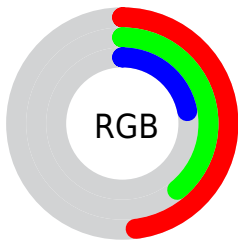
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 122, 56
Decimal	8020792
CIELab	43.28, 3.42, 27.74
CIElCh	43, 27.945, 82.974
Yxy	13.3468, 0.4104, 0.4149
Android (android.graphics.Color)	4286210872 (0xFF7A6338)
YUV	100.9750, -22.1727, 18.4389
Hunter-Lab	36.5332, 0.5698, 16.4497

# Details

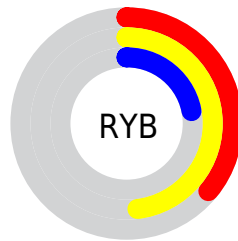
The Hex color **7A6338** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **384F7A**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **B09668**, and **47350B** is the 20% darker color. If you saturate the color by 10%, you get **7A5F2C**, and if you desaturate by 10%, it is **7A6744**.

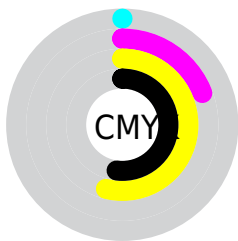
# Distribution



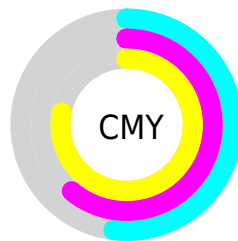
- Red (48%)
- Green (39%)
- Blue (22%)



- Red (36%)
- Yellow (48%)
- Blue (22%)



- Cyan (0%)
- Magenta (19%)
- Yellow (54%)
- Black (52%)



- Cyan (52%)
- Magenta (61%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A6338 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 7A6338 by changing the saturation by 10% instead.





7A6338



7A6338

FFFFFF



604B21



B09668



47350B



CCB081



2F2000



E9CC9C



170900



FFE8B7



000000



FFFFD2



FFFFEF



7A6338



7A6338



7A5F2C



7A6744

 7A5A20

 7A6C50

 7A5613

 7A705D

 7A5207

 7A7469

 7A4F00

 7A7875

 7A7D81

 7A818D

 7A859A

 7A89A6

# Harmonies

## Analogous

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



8B5B42



7A6338



636A3B

# Triad

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



7A6338



007277



7E5A82

# Complementary

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



7A6338



384F7A

# 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.



616291



7A6338



00708B

# Square

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



7A6338



277260



396A94



8F546D

# Rectangle

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



7A6338



526E44



396A94



765D88



# Sweetspot

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



7A6338



9E9585



7A384F



4F4A40



CFCFCF



4F4F4F



# Same Dimension

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



7A6338



9E7A37



707A38



3D3B37



7D5100



FCA400



# Inverse Universe

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



384F7A



375B9E



42387A



37393D



002C7D



0058FC



# Previews

## White Background



This preview shows how the Hex color 7A6338 looks on a white background.

## Color Contrast Check

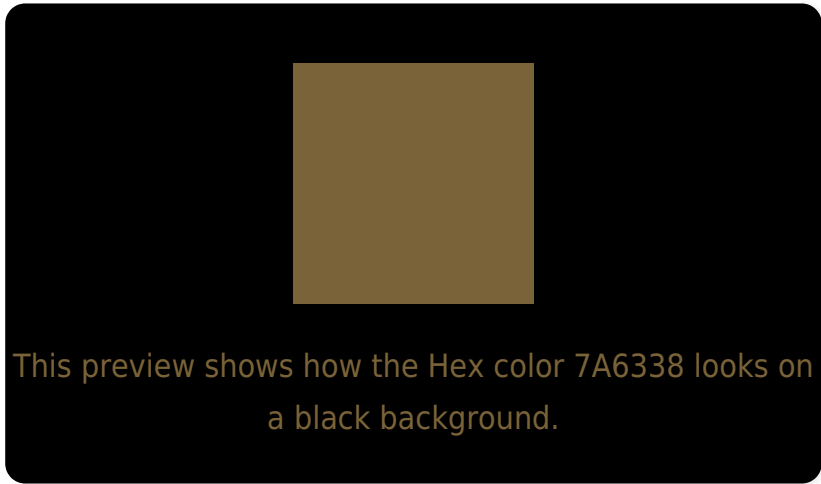
Large Text (above 18pt) WCAG AA ✓ Pass

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

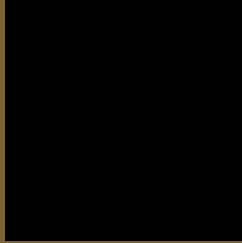
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A6338 Background



This preview shows how black text looks on a background with the Hex color 7A6338.



This preview shows how white text looks on a background with the Hex color 7A6338.

# 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**  
7A6338

**Protanopia**  
716639

**Deuteranopia**  
7D6238



**Tritanopia**  
7E5E65

# Trichromacy



**Original Color**  
7A6338

**Protanomaly**  
746539

**Deuteranomaly**  
7C6238

**Tritanomaly**  
7D6055

# Monochromacy



**Original Color**  
7A6338

**Achromatopsia**  
656565

**Achromatomaly**  
6D6455

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A6338 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 #7A6338 looks like.

```
.text, #text, p{  
    color:#7A6338  
}
```

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 #7A6338 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A6338
}
```

## Border

The CSS property to change the border of an element to Hex 7A6338 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
#7A6338 }
```

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

```
.border{ border-color:#7A6338 }
```

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

Here you see how a box with a 4 pixel #7A6338 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A6338; -webkit-box-shadow:4px 4px  
4px 4px #7A6338; box-shadow:4px 4px 4px  
4px #7A6338 }
```

# Background

The CSS property to change the background color of an element to Hex 7A6338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A6338 }
```

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

```
.background{ background-color:#7A6338 }
```

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