

Converting Colors

Hex(7A6F36)

Have a look what the booklet for
Hex(7A6F36) contains.

Hex(7A6F36)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7A6F36)

Conversions

Conversions Part 1

Format	Color
Hex	7A6F36
RGB	122, 111, 54
RGB Percent	48%, 44%, 21%
CMY	0.5216, 0.5647, 0.7882
CMYK	0.00, 0.09, 0.56, 0.52
HSL	50°, 39%, 35%
HSV	50°, 56%, 48%
XYZ	14.3763, 15.7728, 5.7768
YIQ	107.7910, 24.8530, -15.3950

Conversions

Conversions Part 2

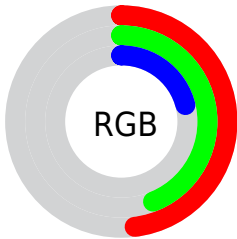
Format	Color
RYB	67, 122, 54
Decimal	8023862
CIELab	46.67, -3.75, 32.91
CIELCh	47, 33.121, 96.496
Yxy	15.7728, 0.4002, 0.4390
Android (android.graphics.Color)	4286213942 (0xFF7A6F36)
YUV	107.7910, -26.5190, 12.4613
Hunter-Lab	39.7150, -4.8864, 19.1764

Details

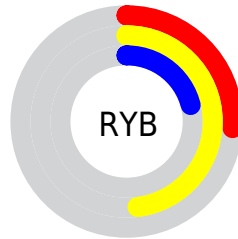
The Hex color **7A6F36** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **36417A**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **B0A267**, and **474007** is the 20% darker color. If you saturate the color by 10%, you get **7A6D2A**, and if you desaturate by 10%, it is **7A7142**.

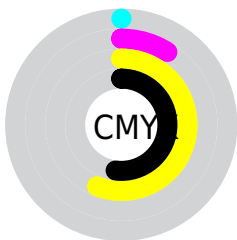
Distribution



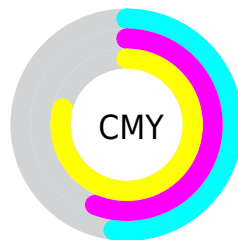
- Red (48%)
- Green (44%)
- Blue (21%)



- Red (26%)
- Yellow (48%)
- Blue (21%)



- Cyan (0%)
- Magenta (9%)
- Yellow (56%)
- Black (52%)



- Cyan (52%)
- Magenta (56%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A6F36 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 7A6F36 by changing the saturation by 10% instead.



7A6F36



7A6F36

FFFFFF



60571F



B0A267



474007



CCBD80



302A00



E9D99A



171600



FFF6B5



000000



FFFFD1



FFFEE



7A6F36



7A6F36



7A6D2A



7A7142

■ 7A6B1E

■ 7A734E

■ 7A6911

■ 7A755B

■ 7A6705

■ 7A7767

■ 7A6600

■ 7A7973

■ 7A7B7F

■ 7A7D8B

■ 7A7F98

■ 7A81A4

Harmonies

Analogous

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



92653C



7A6F36



5C7741

Triad

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



7A6F36



007C8F



965C85

Complementary

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



7A6F36



36417A

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.



79659B



7A6F36



0077A1

Square

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



7A6F36



007D74



4D6FA6



A3586A

Rectangle

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



7A6F36



457A4F



4D6FA6



8E5E8E

Sweetspot

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



7A6F36



9E9A83



7A3641



4F4C3F



CFCFCF



4F4F4F

Same Dimension

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



7A6F36



9E8D34



637A36



3D3C37



7D6900



FCD400

Inverse Universe

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



36417A



34459E



4D367A



37383D



00147D



0029FC

Previews

White Background



This preview shows how the Hex color 7A6F36 looks on a white background.

Color Contrast Check

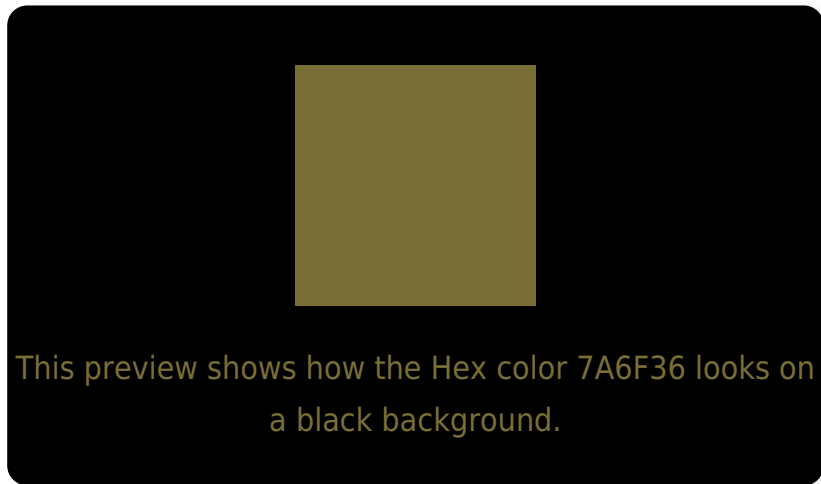
Large Text (above 18pt) WCAG AA ✓ Pass

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

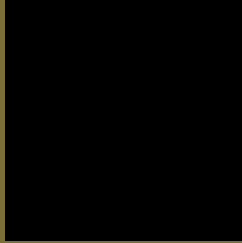
Any Text WCAG AA × Fail

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 7A6F36 Background



This preview shows how black text looks on a background with the Hex color 7A6F36.



This preview shows how white text looks on a background with the Hex color 7A6F36.

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
7A6F36

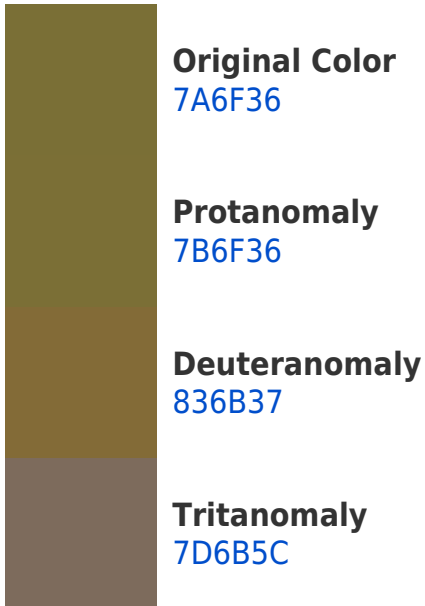
Protanopia
7B6F36

Deuteranopia
886937

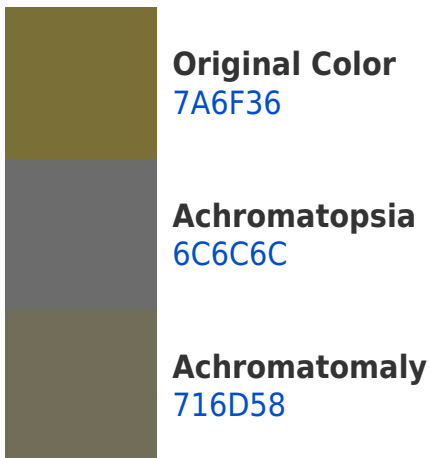


Tritanopia
7F6971

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A6F36 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 #7A6F36 looks like.

```
.text, #text, p{  
    color:#7A6F36  
}
```

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 #7A6F36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A6F36
}
```

Border

The CSS property to change the border of an element to Hex 7A6F36 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
#7A6F36 }
```

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

```
.border{ border-color:#7A6F36 }
```

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

Here you see how a box with a 4 pixel #7A6F36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A6F36; -webkit-box-shadow:4px 4px  
4px 4px #7A6F36; box-shadow:4px 4px 4px  
4px #7A6F36 }
```

Background

The CSS property to change the background color of an element to Hex 7A6F36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A6F36 }
```

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

```
.background{ background-color:#7A6F36 }
```

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