

Converting Colors

Hex(7B6F36)

Have a look what the booklet for
Hex(7B6F36) contains.

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Color

Hex(7B6F36)

Conversions

Conversions Part 1

Format	Color
Hex	7B6F36
RGB	123, 111, 54
RGB Percent	48%, 44%, 21%
CMY	0.5176, 0.5647, 0.7882
CMYK	0.00, 0.10, 0.56, 0.52
HSL	50°, 39%, 35%
HSV	50°, 56%, 48%
XYZ	14.5187, 15.8462, 5.7834
YIQ	108.0900, 25.4490, -15.1830

Conversions

Conversions Part 2

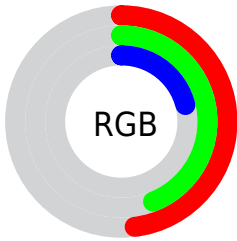
Format	Color
RYB	69, 123, 54
Decimal	8089398
CIELab	46.77, -3.29, 33.05
CIELCh	47, 33.210, 95.684
Yxy	15.8462, 0.4016, 0.4384
Android (android.graphics.Color)	4286279478 (0xFF7B6F36)
YUV	108.0900, -26.6664, 13.0761
Hunter-Lab	39.8073, -4.5594, 19.2511

Details

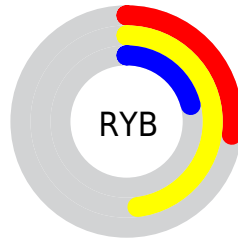
The Hex color **7B6F36** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **36427B**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **B1A267**, and **484007** is the 20% darker color. If you saturate the color by 10%, you get **7B6D2A**, and if you desaturate by 10%, it is **7B7142**.

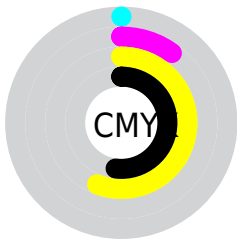
Distribution



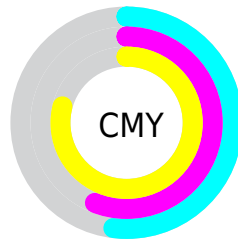
- Red (48%)
- Green (44%)
- Blue (21%)



- Red (27%)
- Yellow (48%)
- Blue (21%)



- Cyan (0%)
- Magenta (10%)
- Yellow (56%)
- Black (52%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 7B6F36 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 7B6F36 by changing the saturation by 10% instead.

 7B6F36

 7B6F36

FFFFFF

 61571F

 B1A267

 484007

 CDBD80

 302A00

 EAD99A

 181600

 FFF6B6

 000000

 FFFFD1

 FFFFEE

 7B6F36

 7B6F36

 7B6D2A

 7B7142

 7B6B1D

 7B734F

 7B6911

 7B755B

 7B6605

 7B7867

 7B6600

 7B7A74

 7B7C80

 7B7E8C

 7B8098

 7B82A5

Harmonies

Analogous

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



93653C



7B6F36



5D7740

Triad

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



7B6F36



007C8F



965C86

Complementary

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



7B6F36



36427B

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.



78669C



7B6F36



0078A1

Square

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



7B6F36



007D73



4B70A6



A3586B

Rectangle

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



7B6F36



467A4E



4B70A6



8E5F8F

Sweetspot

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



7B6F36



A19C85



7B3643



524F41



D1D1D1



525252

Same Dimension

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



7B6F36



A18E35



657B36



3D3C37



7D6700



FCD100

Inverse Universe

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



36427B



3548A1



4C367B



37383D



00167D



002CFC

Previews

White Background



This preview shows how the Hex color 7B6F36 looks on a white background.

Color Contrast Check

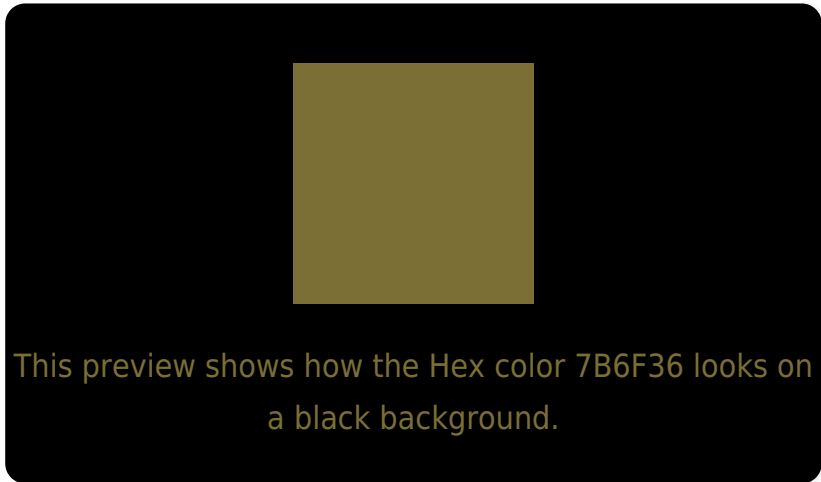
Large Text (above 18pt) WCAG AA ✓ Pass

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

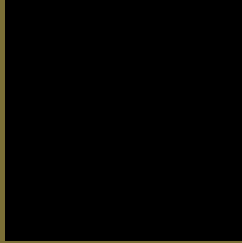
Any Text WCAG AA × Fail

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 7B6F36 Background



This preview shows how black text looks on a background with the Hex color 7B6F36.



This preview shows how white text looks on a background with the Hex color 7B6F36.

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


7B6F36

Protanopia

7B6F36

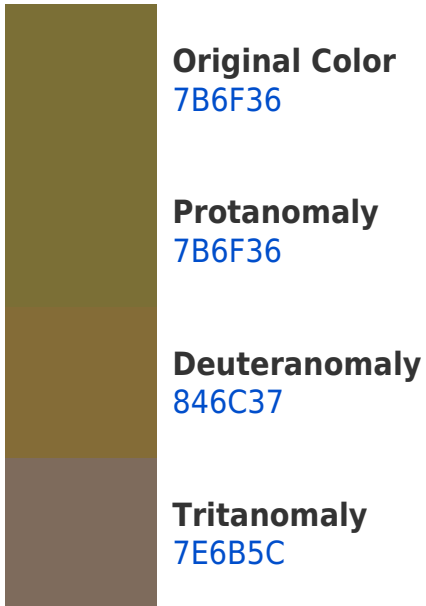
Deuteranopia

896A37

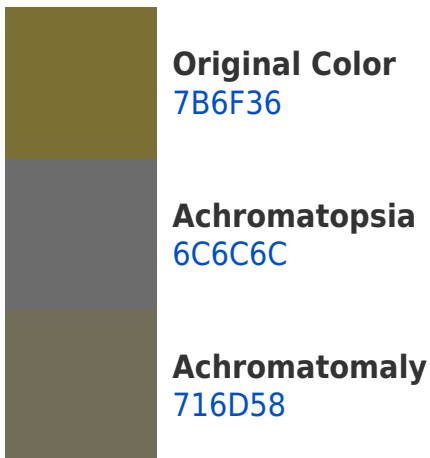


Tritanopia
806971

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B6F36 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 #7B6F36 looks like.

```
.text, #text, p{  
    color:#7B6F36  
}
```

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 #7B6F36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B6F36
}
```

Border

The CSS property to change the border of an element to Hex 7B6F36 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
#7B6F36 }
```

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

```
.border{ border-color:#7B6F36 }
```

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

Here you see how a box with a 4 pixel #7B6F36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B6F36; -webkit-box-shadow:4px 4px  
4px 4px #7B6F36; box-shadow:4px 4px 4px  
4px #7B6F36 }
```

Background

The CSS property to change the background color of an element to Hex 7B6F36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B6F36 }
```

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

```
.background{ background-color:#7B6F36 }
```

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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