

Converting Colors

Hex(7E6F33)

Have a look what the booklet for
Hex(7E6F33) contains.

Hex(7E6F33)	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(7E6F33)

Conversions

Conversions Part 1

Format	Color
Hex	7E6F33
RGB	126, 111, 51
RGB Percent	49%, 44%, 20%
CMY	0.5059, 0.5647, 0.8000
CMYK	0.00, 0.12, 0.60, 0.51
HSL	48°, 42%, 35%
HSV	48°, 60%, 49%
XYZ	14.8862, 16.0435, 5.4441
YIQ	108.6450, 28.2000, -15.4800

Conversions

Conversions Part 2

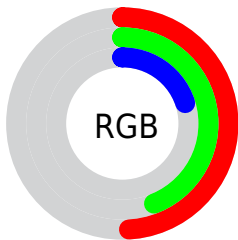
Format	Color
R_{YB}	70, 126, 51
Decimal	8286003
CIE _{Lab}	47.03, -2.17, 34.99
CIE _{LCh}	47, 35.062, 93.551
Yxy	16.0435, 0.4093, 0.4411
Android (android.graphics.Color)	4286476083 (0xFF7E6F33)
YUV	108.6450, -28.4190, 15.2203
Hunter-Lab	40.0544, -3.7558, 19.9795

Details

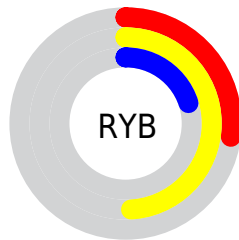
The Hex color **7E6F33** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **33427E**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **B5A264**, and **4A4003** is the 20% darker color. If you saturate the color by 10%, you get **7E6C26**, and if you desaturate by 10%, it is **7E7240**.

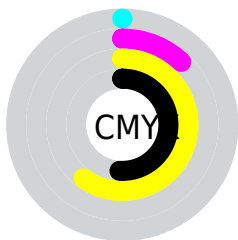
Distribution



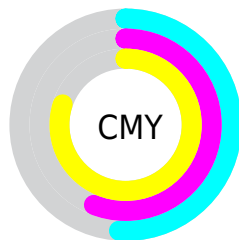
- Red (49%)
- Green (44%)
- Blue (20%)



- Red (27%)
- Yellow (49%)
- Blue (20%)



- Cyan (0%)
- Magenta (12%)
- Yellow (60%)
- Black (51%)



- Cyan (51%)
- Magenta (56%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E6F33 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 7E6F33 by changing the saturation by 10% instead.



7E6F33



7E6F33

FFFFFF



64571C



B5A264



4A4003



D1BD7D



322A00



EED997



1A1600



FFF6B2



000000



FFFCE



FFFEB



7E6F33



7E6F33



7E6C26



7E7240

 7E6A1A

 7E744C

 7E670D

 7E7759

 7E6501

 7E7965

 7E6500

 7E7C72

 7E7E7F

 7E818B

 7E8398

 7E86A4

Harmonies

Analogous

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



96653B



7E6F33



5F773D

Triad

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



7E6F33



007E8F



975C8A

Complementary

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



7E6F33



33427E

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.



7766A1



7E6F33



0079A4

Square

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



7E6F33



007F72



4471AA



A6576D

Rectangle

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



7E6F33



477B4B



4471AA



8E5F93

Sweetspot

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



7E6F33



A39D86



7E3342



524E40



D1D1D1



525252

Same Dimension

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



7E6F33



A38C2F



687E33



403E39



806600



000000

Inverse Universe

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



33427E



2F47A3



4A337E



393B40



001A80



000000

Previews

White Background



This preview shows how the Hex color 7E6F33 looks on a white background.

Color Contrast Check

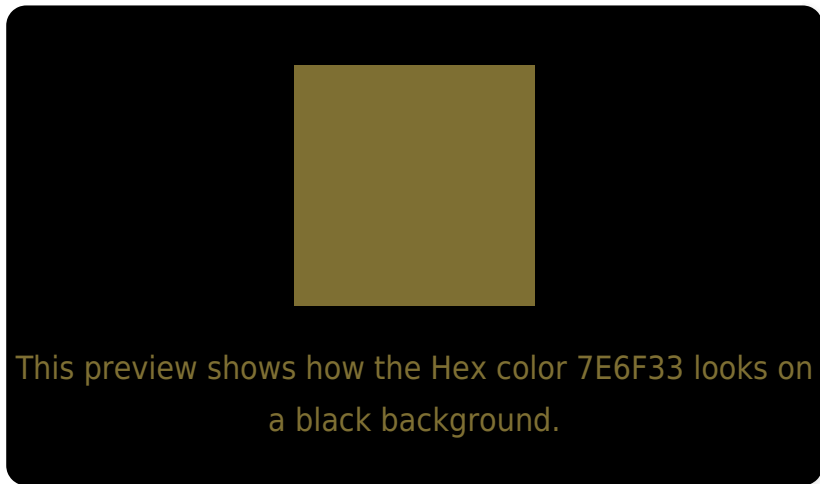
Large Text (above 18pt) WCAG AA ✓ Pass

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

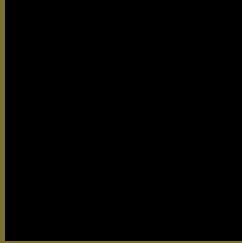
Any Text WCAG AA × Fail

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 7E6F33 Background



This preview shows how black text looks on a background with the Hex color 7E6F33.



This preview shows how white text looks on a background with the Hex color 7E6F33.

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


7E6F33

Protanopia

7C7033

Deuteranopia

8A6A34



Tritanopia
836871

Trichromacy



Original Color
7E6F33

Protanomaly
7D7033

Deuteranomaly
866C34

Tritanomaly
816B5A

Monochromacy



Original Color
7E6F33

Achromatopsia
6D6D6D

Achromatomaly
736E58

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E6F33 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 #7E6F33 looks like.

```
.text, #text, p{  
    color:#7E6F33  
}
```

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 #7E6F33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E6F33
}
```

Border

The CSS property to change the border of an element to Hex 7E6F33 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
#7E6F33 }
```

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

```
.border{ border-color:#7E6F33 }
```

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

Here you see how a box with a 4 pixel #7E6F33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E6F33; -webkit-box-shadow:4px 4px  
4px 4px #7E6F33; box-shadow:4px 4px 4px  
4px #7E6F33 }
```

Background

The CSS property to change the background color of an element to Hex 7E6F33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E6F33 }
```

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

```
.background{ background-color:#7E6F33 }
```

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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