

Converting Colors

Hex(7E6A33)

Have a look what the booklet for
Hex(7E6A33) contains.

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Color

Hex(7E6A33)

Conversions

Conversions Part 1

Format	Color
Hex	7E6A33
RGB	126, 106, 51
RGB Percent	49%, 42%, 20%
CMY	0.5059, 0.5843, 0.8000
CMYK	0.00, 0.16, 0.60, 0.51
HSL	44°, 42%, 35%
HSV	44°, 60%, 49%
XYZ	14.3558, 14.9827, 5.2673
YIQ	105.7100, 29.5750, -12.8650

Conversions

Conversions Part 2

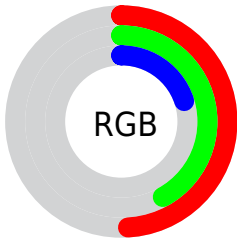
Format	Color
R_{YB}	78, 126, 51
Decimal	8284723
CIE _{Lab}	45.61, 0.71, 33.35
CIE _{LCh}	46, 33.359, 88.774
Yxy	14.9827, 0.4148, 0.4330
Android (android.graphics.Color)	4286474803 (0xFF7E6A33)
YUV	105.7100, -26.9720, 17.7943
Hunter-Lab	38.7075, -1.5364, 19.0271

Details

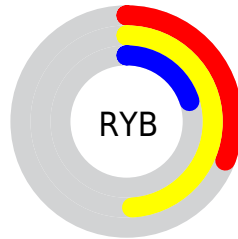
The Hex color **7E6A33** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **33477E**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **B59D63**, and **4A3B03** is the 20% darker color. If you saturate the color by 10%, you get **7E6726**, and if you desaturate by 10%, it is **7E6D40**.

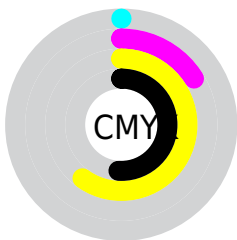
Distribution



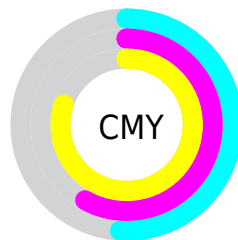
- Red (49%)
- Green (42%)
- Blue (20%)



- Red (31%)
- Yellow (49%)
- Blue (20%)



- Cyan (0%)
- Magenta (16%)
- Yellow (60%)
- Black (51%)



- Cyan (51%)
- Magenta (58%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E6A33 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 7E6A33 by changing the saturation by 10% instead.

 7E6A33

 7E6A33

FFFFFF

 64521C

 B59D63

 4A3B03

 D1B87D

 322600

 EED397

 1A1100

 FFF0B2

 000000

 FFFFCE

 FFFFEA

 7E6A33

 7E6A33

 7E6726

 7E6D40

■ 7E631A

■ 7E714C

■ 7E600D

■ 7E7459

■ 7E5D01

■ 7E7765

■ 7E5C00

■ 7E7B72

■ 7E7E7F

■ 7E828B

■ 7E8598

■ 7E88A4

Harmonies

Analogous

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



94603D



7E6A33



62723A

Triad

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



7E6A33



007A86



8E5B89

Complementary

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



7E6A33



33477E

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.



6C659D



7E6A33



00769B

Square

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



7E6A33



007A6A



3A6FA3



9F556E

Rectangle

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



7E6A33



4C7646



3A6FA3



845E91

Sweetspot

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



7E6A33



A39B86



7E3347



524D40



D1D1D1



525252

Same Dimension

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



7E6A33



A3842F



6D7E33



403E39



805E00



000000

Inverse Universe

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



33477E



2F4EA3



45337E



393B40



002280



000000

Previews

White Background



This preview shows how the Hex color 7E6A33 looks on a white background.

Color Contrast Check

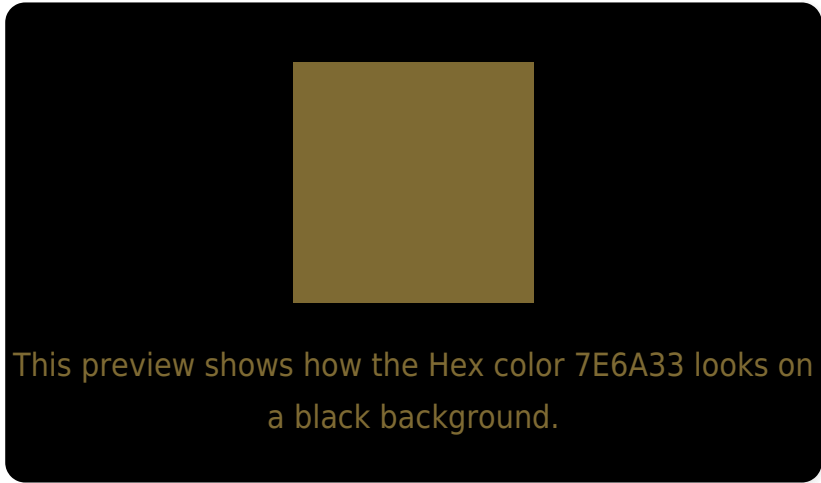
Large Text (above 18pt) WCAG AA ✓ Pass

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 7E6A33 Background



This preview shows how black text looks on a background with the Hex color 7E6A33.



This preview shows how white text looks on a background with the Hex color 7E6A33.

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
7E6A33

Protanopia
786C34

Deuteranopia
856734



Tritanopia
83646C

Trichromacy



Original Color
7E6A33

Protanomaly
7A6B34

Deuteranomaly
826834

Tritanomaly
816657

Monochromacy



Original Color
7E6A33

Achromatopsia
6A6A6A

Achromatomaly
716A56

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E6A33 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 #7E6A33 looks like.

```
.text, #text, p{  
    color:#7E6A33  
}
```

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 #7E6A33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E6A33  
}
```

Border

The CSS property to change the border of an element to Hex 7E6A33 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  
#7E6A33 }
```

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

```
.border{ border-color:#7E6A33 }
```

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

Here you see how a box with a 4 pixel #7E6A33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E6A33; -webkit-box-shadow:4px 4px  
4px 4px #7E6A33; box-shadow:4px 4px 4px  
4px #7E6A33 }
```

Background

The CSS property to change the background color of an element to Hex 7E6A33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E6A33 }
```

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

```
.background{ background-color:#7E6A33 }
```

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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