

Converting Colors

Hex(776C33)

Have a look what the booklet for
Hex(776C33) contains.

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Color

Hex(776C33)

Conversions

Conversions Part 1

Format	Color
Hex	776C33
RGB	119, 108, 51
RGB Percent	47%, 42%, 20%
CMY	0.5333, 0.5765, 0.8000
CMYK	0.00, 0.09, 0.57, 0.53
HSL	50°, 40%, 33%
HSV	50°, 57%, 47%
XYZ	13.5679, 14.8861, 5.2902
YIQ	104.7910, 24.8530, -15.3950

Conversions

Conversions Part 2

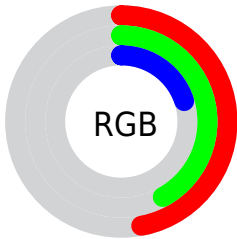
Format	Color
RYB	64, 119, 51
Decimal	7826483
CIELab	45.48, -3.68, 33.02
CIELCh	45, 33.221, 96.355
Yxy	14.8861, 0.4021, 0.4411
Android (android.graphics.Color)	4286016563 (0xFF776C33)
YUV	104.7910, -26.5190, 12.4613
Hunter-Lab	38.5825, -4.7483, 18.8783

Details

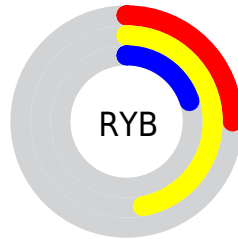
The Hex color **776C33** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **333E77**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **AD9F63**, and **443D03** is the 20% darker color. If you saturate the color by 10%, you get **776A27**, and if you desaturate by 10%, it is **776E3F**.

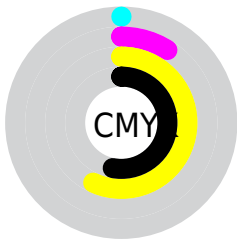
Distribution



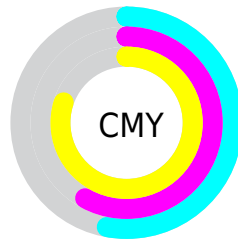
- Red (47%)
- Green (42%)
- Blue (20%)



- Red (25%)
- Yellow (47%)
- Blue (20%)



- Cyan (0%)
- Magenta (9%)
- Yellow (57%)
- Black (53%)



- Cyan (53%)
- Magenta (58%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 776C33 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 776C33 by changing the saturation by 10% instead.

 776C33

 776C33

FFFFFF

 5D541C

 AD9F63

 443D03

 C9BA7D

 2D2700

 E5D697

 131300

 FFF2B2

 000000

 FFFFCE

 FFFFEA

 776C33

 776C33

 776A27

 776E3F

■ 77681B

■ 77704B

■ 77660F

■ 777257

■ 776403

■ 777463

■ 776400

■ 77766E

■ 77787A

■ 777986

■ 777B92

■ 777D9E

Harmonies

Analogous

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



8F6239



776C33



5A743E

Triad

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



776C33



00798C



935982

Complementary

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



776C33



333E77

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.



766298



776C33



00749E

Square

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



776C33



007A71



496DA3



A05567

Rectangle

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



776C33



42774C



496DA3



8B5B8B

Sweetspot

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



776C33



9C9781



77333E



4F4C3F



CFCFCF



4F4F4F

Same Dimension

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



776C33



9C8A30



607733



3B3A35



7A6700



FAD100

Inverse Universe

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



333E77



30429C



4A3377



35363B



00147A



0028FA

Previews

White Background



This preview shows how the Hex color 776C33 looks on a white background.

Color Contrast Check

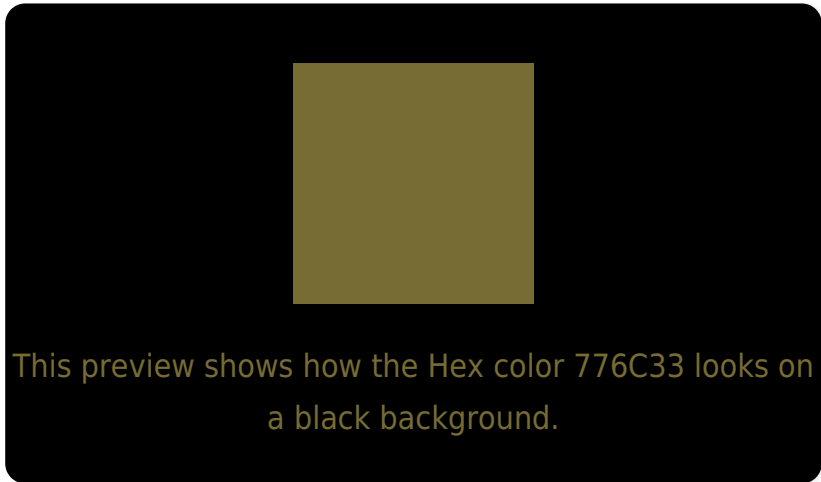
Large Text (above 18pt) WCAG AA ✓ Pass

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

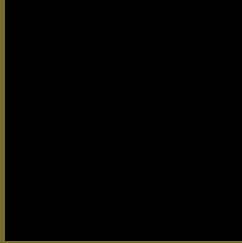
Any Text WCAG AA × Fail

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 776C33 Background



This preview shows how black text looks on a background with the Hex color 776C33.



This preview shows how white text looks on a background with the Hex color 776C33.

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
776C33

Protanopia
776C33

Deuteranopia
856734



Tritanopia
7C666E

Trichromacy



Original Color
776C33

Protanomaly
776C33

Deuteranomaly
806934

Tritanomaly
7A6859

Monochromacy



Original Color
776C33

Achromatopsia
696969

Achromatomaly
6E6A55

CSS Examples

Text

The CSS property to change the color of the text to Hex 776C33 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 #776C33 looks like.

```
.text, #text, p{  
    color:#776C33  
}
```

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 #776C33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #776C33  
}
```

Border

The CSS property to change the border of an element to Hex 776C33 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  
#776C33 }
```

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

```
.border{ border-color:#776C33 }
```

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

Here you see how a box with a 4 pixel #776C33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #776C33; -webkit-box-shadow:4px 4px  
4px 4px #776C33; box-shadow:4px 4px 4px  
4px #776C33 }
```

Background

The CSS property to change the background color of an element to Hex 776C33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#776C33 }
```

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

```
.background{ background-color:#776C33 }
```

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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