

Converting Colors

Hex(776B33)

Have a look what the booklet for
Hex(776B33) contains.

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Color

Hex(776B33)

Conversions

Conversions Part 1

Format	Color
Hex	776B33
RGB	119, 107, 51
RGB Percent	47%, 42%, 20%
CMY	0.5333, 0.5804, 0.8000
CMYK	0.00, 0.10, 0.57, 0.53
HSL	49°, 40%, 33%
HSV	49°, 57%, 47%
XYZ	13.4630, 14.6763, 5.2552
YIQ	104.2040, 25.1280, -14.8720

Conversions

Conversions Part 2

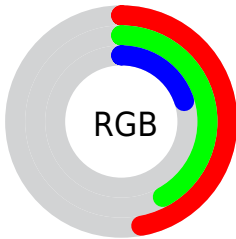
Format	Color
RYB	66, 119, 51
Decimal	7826227
CIELab	45.19, -3.10, 32.68
CIELCh	45, 32.825, 95.423
Yxy	14.6763, 0.4031, 0.4395
Android (android.graphics.Color)	4286016307 (0xFF776B33)
YUV	104.2040, -26.2296, 12.9761
Hunter-Lab	38.3097, -4.3127, 18.6836

Details

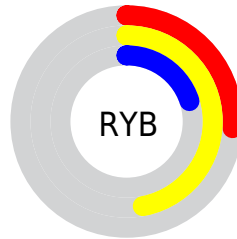
The Hex color **776B33** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **333F77**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **AD9E63**, and **443C03** is the 20% darker color. If you saturate the color by 10%, you get **776927**, and if you desaturate by 10%, it is **776D3F**.

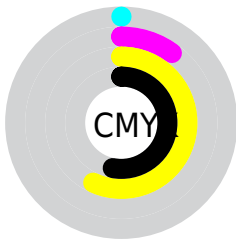
Distribution



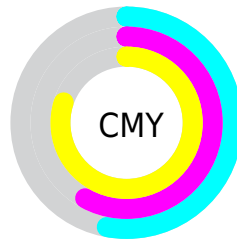
- Red (47%)
- Green (42%)
- Blue (20%)



- Red (26%)
- Yellow (47%)
- Blue (20%)



- Cyan (0%)
- Magenta (10%)
- Yellow (57%)
- Black (53%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 776B33 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 776B33 by changing the saturation by 10% instead.



776B33



776B33

FFFFFF



5D531C



AD9E63



443C03



C9B97D



2D2600



E5D597



131200



FFF1B2



000000



FFFCE



FFFEEA



776B33



776B33



776927



776D3F

■ 77671B

■ 776F4B

■ 77650F

■ 777157

■ 776303

■ 777363

■ 776200

■ 77766E

■ 77787A

■ 777A86

■ 777C92

■ 777E9E

Harmonies

Analogous

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



8E6139



776B33



5A733D

Triad

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



776B33



00788A



915882

Complementary

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



776B33



333F77

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.



746298



776B33



00749C

Square

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



776B33



00796F



476CA1



9E5467

Rectangle

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



776B33



43764B



476CA1



895B8A

Sweetspot

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



776B33



9C9781



77333F



4F4C3F



CFCFCF



4F4F4F

Same Dimension

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



776B33



9C8930



617733



3B3A35



7A6500



FACE00

Inverse Universe

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



333F77



30439C



493377



35363B



00167A



002CFA

Previews

White Background



This preview shows how the Hex color 776B33 looks on a white background.

Color Contrast Check

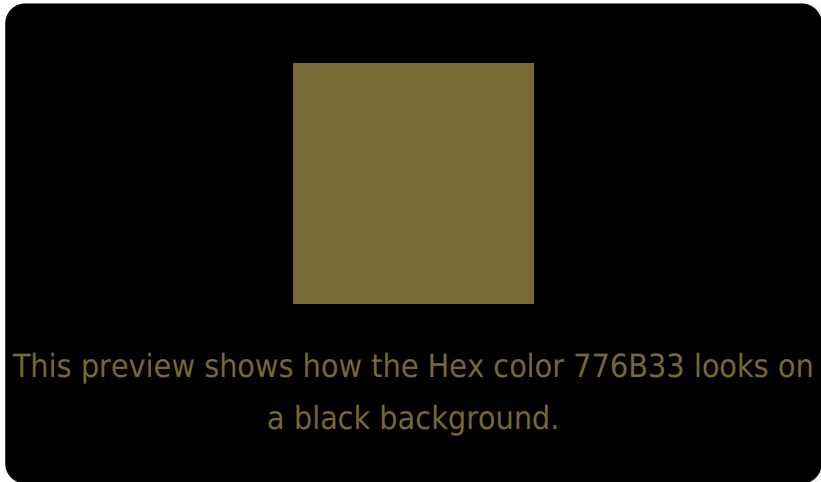
Large Text (above 18pt) WCAG AA ✓ Pass

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

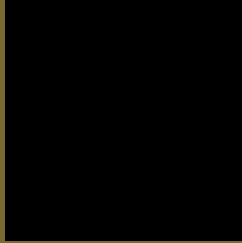
Any Text WCAG AA × Fail

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 776B33 Background



This preview shows how black text looks on a background with the Hex color 776B33.



This preview shows how white text looks on a background with the Hex color 776B33.

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

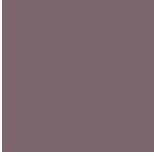
776B33

Protanopia

776B33

Deuteranopia

846634



Tritanopia
7C656D

Trichromacy



Original Color

776B33

Protanomaly

776B33

Deuteranomaly

7F6834

Tritanomaly

7A6758

Monochromacy



Original Color

776B33

Achromatopsia

686868

Achromatomaly

6D6955

CSS Examples

Text

The CSS property to change the color of the text to Hex 776B33 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 #776B33 looks like.

```
.text, #text, p{  
    color:#776B33  
}
```

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 #776B33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #776B33
}
```

Border

The CSS property to change the border of an element to Hex 776B33 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
#776B33 }
```

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

```
.border{ border-color:#776B33 }
```

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

Here you see how a box with a 4 pixel #776B33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #776B33; -webkit-box-shadow:4px 4px  
4px 4px #776B33; box-shadow:4px 4px 4px  
4px #776B33 }
```

Background

The CSS property to change the background color of an element to Hex 776B33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#776B33 }
```

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

```
.background{ background-color:#776B33 }
```

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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