

Converting Colors

Hex(766B51)

Have a look what the booklet for
Hex(766B51) contains.

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Color

Hex(766B51)

Conversions

Conversions Part 1

Format	Color
Hex	766B51
RGB	118, 107, 81
RGB Percent	46%, 42%, 32%
CMY	0.5373, 0.5804, 0.6824
CMYK	0.00, 0.09, 0.31, 0.54
HSL	42°, 19%, 39%
HSV	42°, 31%, 46%
XYZ	14.2141, 14.9610, 9.9232
YIQ	107.3250, 14.9020, -5.7540

Conversions

Conversions Part 2

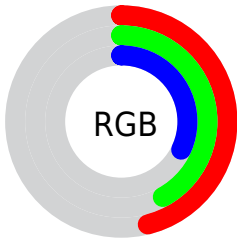
Format	Color
R_{YB}	97, 118, 81
Decimal	7760721
CIE Lab	45.58, -0.04, 16.17
CIE LCh	46, 16.170, 90.130
Yxy	14.9610, 0.3635, 0.3827
Android (android.graphics.Color)	4285950801 (0xFF766B51)
YUV	107.3250, -12.9782, 9.3620
Hunter-Lab	38.6795, -2.0931, 11.8648

Details

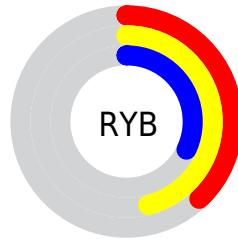
The Hex color **766B51** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **515C76**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **AB9E82**, and **453C24** is the 20% darker color. If you saturate the color by 10%, you get **766745**, and if you desaturate by 10%, it is **766F5D**.

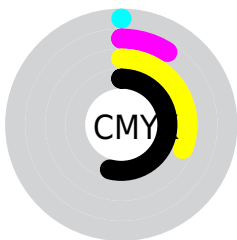
Distribution



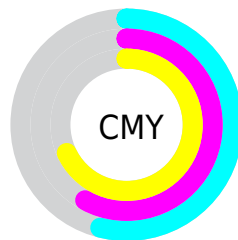
- Red (46%)
- Green (42%)
- Blue (32%)



- Red (38%)
- Yellow (46%)
- Blue (32%)



- Cyan (0%)
- Magenta (9%)
- Yellow (31%)
- Black (54%)



- Cyan (54%)
- Magenta (58%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 766B51 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 766B51 by changing the saturation by 10% instead.



766B51



766B51

FFFFFF



5D533A



AB9E82



453C24



C6B99D



2E260F



E2D5B8



191200



FFF1D3



000000



FFFFF0



766B51



766B51



766745



766F5D



766439



767269

■ 76602E

■ 767674

■ 765D22

■ 767980

■ 765916

■ 767D8C

■ 76560A

■ 768098

■ 765300

■ 7684A4

■ 7687AF

■ 768BBB

Harmonies

Analogous

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



816755



766B51



676F54

Triad

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



766B51



467379



7D647A

Complementary

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



766B51



515C76

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.



6E6883



766B51



4C7183

Square

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



766B51



4B746B



5C6D87



86626C

Rectangle

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



766B51



5D715A



5C6D87



79667D

Sweetspot

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



766B51



99958B



76515C



4D4A44



CCCCCC



4D4D4D

Same Dimension

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



766B51



99885F



6F7651



3B3935



7A5600



FAB000

Inverse Universe

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



515C76



5F7099



585176



35373B



00247A



004AFA

Previews

White Background



This preview shows how the Hex color 766B51 looks on a white background.

Color Contrast Check

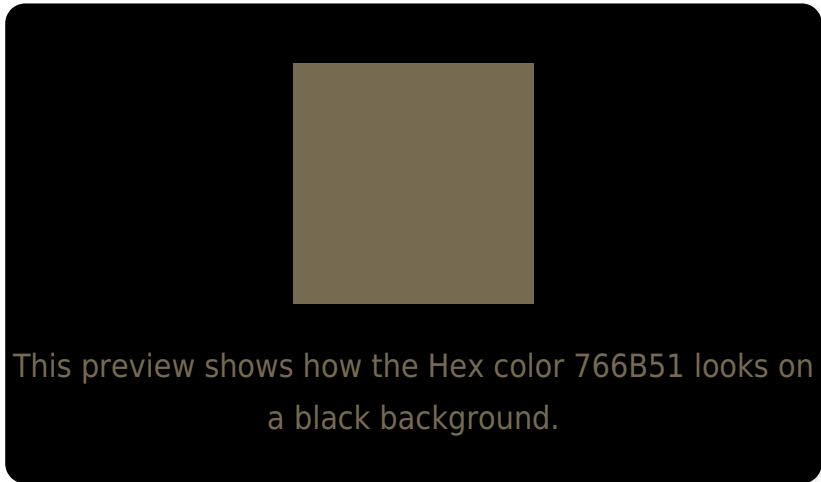
Large Text (above 18pt) WCAG AA ✓ Pass

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

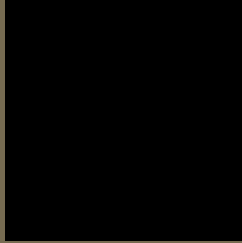
Any Text WCAG AA × Fail

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 766B51 Background



This preview shows how black text looks on a background with the Hex color 766B51.



This preview shows how white text looks on a background with the Hex color 766B51.

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
766B51

Protanopia
746C51

Deuteranopia
7F6852



Tritanopia
79676F

Trichromacy



Original Color

766B51

Protanomaly

756C51

Deuteranomaly

7C6952

Tritanomaly

786864

Monochromacy



Original Color

766B51

Achromatopsia

6B6B6B

Achromatomaly

6F6B62

CSS Examples

Text

The CSS property to change the color of the text to Hex 766B51 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 #766B51 looks like.

```
.text, #text, p{  
    color:#766B51  
}
```

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 #766B51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766B51
}
```

Border

The CSS property to change the border of an element to Hex 766B51 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".

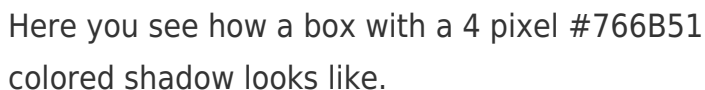
```
.border, #border, table{ border:4px solid
#766B51 }
```

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

```
.border{ border-color:#766B51 }
```

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

Here you see how a box with a 4 pixel #766B51 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766B51; -webkit-box-shadow:4px 4px  
4px 4px #766B51; box-shadow:4px 4px 4px  
4px #766B51 }
```

Background

The CSS property to change the background color of an element to Hex 766B51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766B51 }
```

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

```
.background{ background-color:#766B51 }
```

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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