

# Converting Colors

Hex(766A53)

Have a look what the booklet for  
Hex(766A53) contains.

<b>Hex(766A53)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(766A53)**

# Conversions

## Conversions Part 1

Format	Color
Hex	766A53
RGB	118, 106, 83
RGB Percent	46%, 42%, 33%
CMY	0.5373, 0.5843, 0.6745
CMYK	0.00, 0.10, 0.30, 0.54
HSL	39°, 17%, 39%
HSV	39°, 30%, 46%
XYZ	14.1866, 14.7842, 10.2895
YIQ	106.9660, 14.5350, -4.6090

# Conversions

## Conversions Part 2

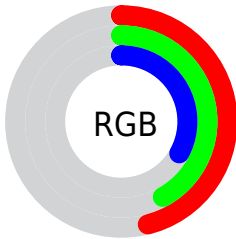
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 118, 83
Decimal	7760467
CIELab	45.34, 0.84, 14.66
CIElCh	45, 14.680, 86.712
Yxy	14.7842, 0.3613, 0.3766
Android (android.graphics.Color)	4285950547 (0xFF766A53)
YUV	106.9660, -11.8152, 9.6768
Hunter-Lab	38.4502, -1.4284, 11.0487

# Details

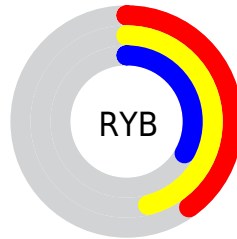
The Hex color **766A53** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **535F76**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **AB9D85**, and **453B26** is the 20% darker color. If you saturate the color by 10%, you get **766647**, and if you desaturate by 10%, it is **766E5F**.

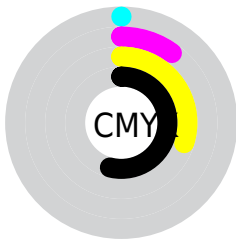
# Distribution



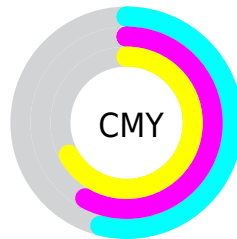
- Red (46%)
- Green (42%)
- Blue (33%)



- Red (40%)
- Yellow (46%)
- Blue (33%)



- Cyan (0%)
- Magenta (10%)
- Yellow (30%)
- Black (54%)



- Cyan (54%)
- Magenta (58%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 766A53 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 766A53 by changing the saturation by 10% instead.





766A53



766A53

FFFFFF



5D523C



AB9D85



453B26



C6B89F



2E2511



E2D4BA



191100



FFF0D5



000000



FFFFF2



766A53



766A53



766647



766E5F



76623B



76726B

 765E30

 767676

 765A24

 767A82

 765618

 767E8E

 76520C

 76829A

 764E00

 7686A6

 768AB1

 768EBD

# Harmonies

## Analogous

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



806657



766A53



696E55

# Triad

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



766A53



497276



7A6579

# Complementary

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



766A53



535F76

# 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.



6C6981



766A53



4E707F

# Square

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



766A53



4F7269



5B6D83



83636D

# Rectangle

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



766A53



5F705A



5B6D83



76667C



# Sweetspot

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



766A53



99948B



76535F



4D4A44



CCCCCC



4D4D4D



# Same Dimension

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



766A53



998662



717653



3B3935



7A5000



FAA400



# Inverse Universe

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



535F76



627599



585376



35373B



002A7A



0056FA



# Previews

## White Background



This preview shows how the Hex color 766A53 looks on a white background.

## Color Contrast Check

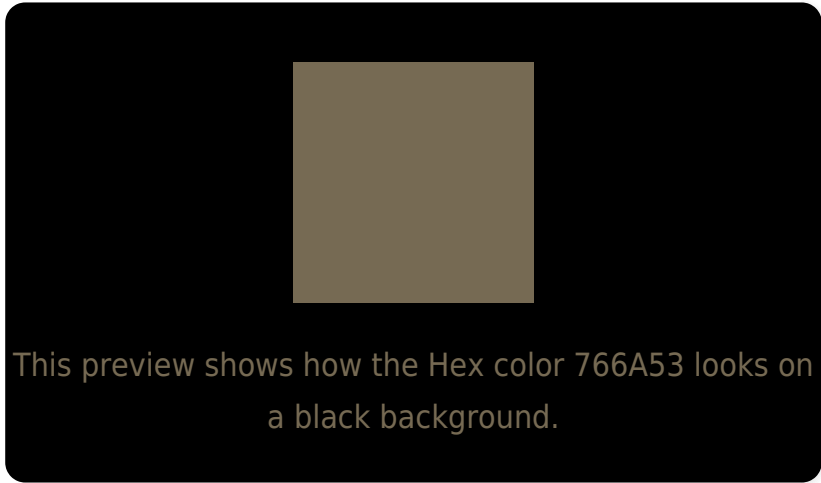
Large Text (above 18pt) WCAG AA ✓ Pass

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

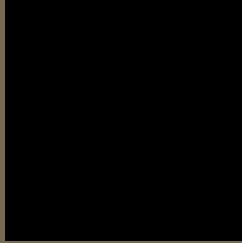
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 766A53 Background



This preview shows how black text looks on a background with the Hex color 766A53.



This preview shows how white text looks on a background with the Hex color 766A53.

# 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**


766A53

**Protanopia**

726B54

**Deuteranopia**

7E6754



**Tritanopia**  
79666E

# Trichromacy



**Original Color**

766A53

**Protanomaly**

736B54

**Deuteranomaly**

7B6854

**Tritanomaly**

786764

# Monochromacy



**Original Color**

766A53

**Achromatopsia**

6B6B6B

**Achromatomaly**

6F6B62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 766A53 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 #766A53 looks like.

```
.text, #text, p{  
    color:#766A53  
}
```

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 #766A53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766A53  
}
```

## Border

The CSS property to change the border of an element to Hex 766A53 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  
#766A53 }
```

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

```
.border{ border-color:#766A53 }
```

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

Here you see how a box with a 4 pixel #766A53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766A53; -webkit-box-shadow:4px 4px  
4px 4px #766A53; box-shadow:4px 4px 4px  
4px #766A53 }
```

# Background

The CSS property to change the background color of an element to Hex 766A53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766A53 }
```

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

```
.background{ background-color:#766A53 }
```

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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