

# Converting Colors

Hex(766A62)

Have a look what the booklet for  
Hex(766A62) contains.

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# Color

Hex(766A62)

# Conversions

## Conversions Part 1

Format	Color
Hex	766A62
RGB	118, 106, 98
RGB Percent	46%, 42%, 38%
CMY	0.5373, 0.5843, 0.6157
CMYK	0.00, 0.10, 0.17, 0.54
HSL	24°, 9%, 42%
HSV	24°, 17%, 46%
XYZ	14.8299, 15.0415, 13.6769
YIQ	108.6760, 9.7200, 0.0560

# Conversions

## Conversions Part 2

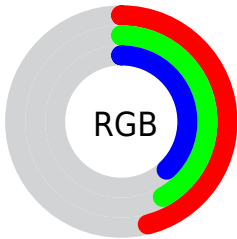
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 111, 98
Decimal	7760482
CIE Lab	45.69, 3.27, 6.20
CIE LCh	46, 7.009, 62.219
Yxy	15.0415, 0.3405, 0.3454
Android (android.graphics.Color)	4285950562 (0xFF766A62)
YUV	108.6760, -5.2633, 8.1771
Hunter-Lab	38.7833, 0.3835, 6.2397

# Details

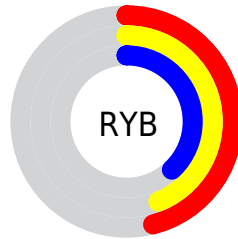
The Hex color **766A62** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **626E76**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **AA9D95**, and **453B34** is the 20% darker color. If you saturate the color by 10%, you get **766356**, and if you desaturate by 10%, it is **76716E**.

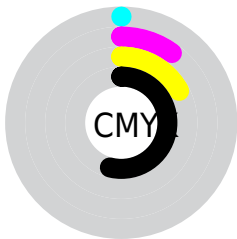
# Distribution



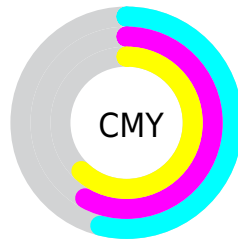
- Red (46%)
- Green (42%)
- Blue (38%)



- Red (46%)
- Yellow (44%)
- Blue (38%)



- Cyan (0%)
- Magenta (10%)
- Yellow (17%)
- Black (54%)



- Cyan (54%)
- Magenta (58%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 766A62 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 766A62 by changing the saturation by 10% instead.





766A62



766A62

FFFFFF



5D524A



AA9D95



453B34



C6B8AF



2F251F



E2D4CB



1B1006



FEF0E7



000000



766A62



766A62



766356



76716E



765C4A



76787A



76553F



767F85

 764E33

 768691

 764727

 768D9D

 76401B

 7694A9

 76380F

 769CB5

 763104

 76A3C0

 762F00

 76AACC

# Harmonies

## Analogous

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



796966



766A62



716C61

# Triad

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



766A62



5F706C



6E6B76

# Complementary

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



766A62



626E76

# 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.



676C78



766A62



5E6F72

# Square

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



766A62



636F67



616E76



746972

# Rectangle

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



766A62



6C6D61



616E76



6C6B77



# Sweetspot

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



766A62



999491



76626E



4D4A48



CCCCCC



4D4D4D



# Same Dimension

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



766A62



99877A



767462



3B3735



7A3100



FA6400



# Inverse Universe

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



626E76



7A8D99



626476



35383B



00497A



0096FA



# Previews

## White Background



This preview shows how the Hex color 766A62 looks on a white background.

## Color Contrast Check

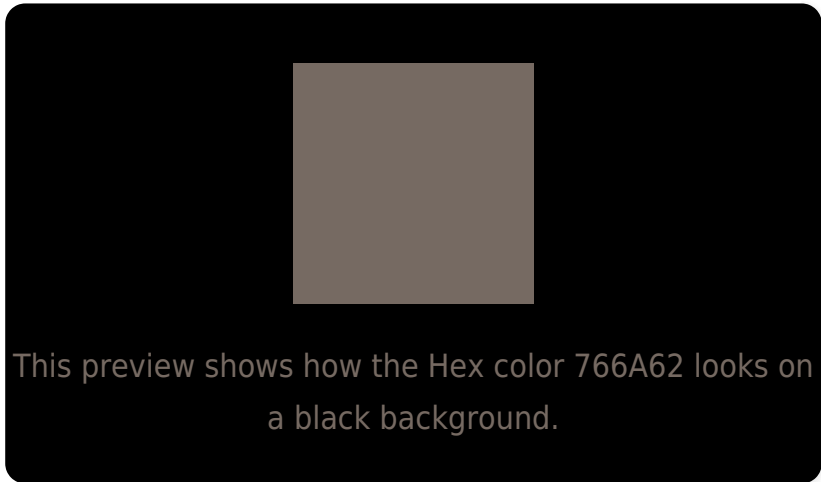
Large Text (above 18pt) WCAG AA ✓ Pass

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

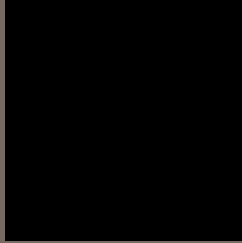
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 766A62 Background



This preview shows how black text looks on a background with the Hex color 766A62.

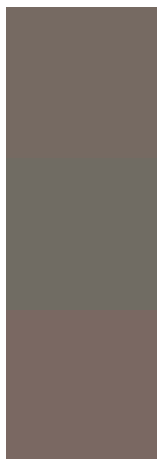


This preview shows how white text looks on a background with the Hex color 766A62.

# 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**

766A62

**Protanopia**

706C63

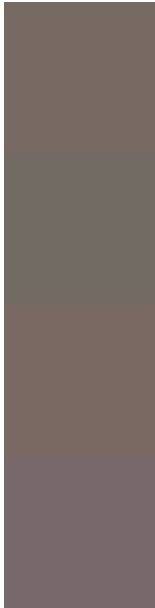
**Deuteranopia**

7A6862



**Tritanopia**  
786870

# Trichromacy



**Original Color**  
766A62

**Protanomaly**  
726B63

**Deuteranomaly**  
796962

**Tritanomaly**  
77696B

# Monochromacy



**Original Color**  
766A62

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
706C69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 766A62 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 #766A62 looks like.

```
.text, #text, p{  
    color:#766A62  
}
```

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 #766A62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766A62
}
```

## Border

The CSS property to change the border of an element to Hex 766A62 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
#766A62 }
```

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

```
.border{ border-color:#766A62 }
```

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

Here you see how a box with a 4 pixel #766A62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766A62; -webkit-box-shadow:4px 4px  
4px 4px #766A62; box-shadow:4px 4px 4px  
4px #766A62 }
```

# Background

The CSS property to change the background color of an element to Hex 766A62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766A62 }
```

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

```
.background{ background-color:#766A62 }
```

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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