

# Converting Colors

Hex(726E48)

Have a look what the booklet for  
Hex(726E48) contains.

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**Color**

**Hex(726E48)**

# Conversions

## Conversions Part 1

Format	Color
Hex	726E48
RGB	114, 110, 72
RGB Percent	45%, 43%, 28%
CMY	0.5529, 0.5686, 0.7176
CMYK	0.00, 0.04, 0.37, 0.55
HSL	54°, 23%, 36%
HSV	54°, 37%, 45%
XYZ	13.6851, 15.1971, 8.3430
YIQ	106.8640, 14.5820, -10.9700

# Conversions

## Conversions Part 2

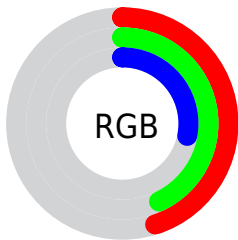
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 114, 72
Decimal	7499336
CIE <sub>Lab</sub>	45.90, -4.76, 21.78
CIE <sub>LCh</sub>	46, 22.296, 102.328
Yxy	15.1971, 0.3676, 0.4082
Android (android.graphics.Color)	4285689416 (0xFF726E48)
YUV	106.8640, -17.1880, 6.2583
Hunter-Lab	38.9835, -5.5592, 14.5997

# Details

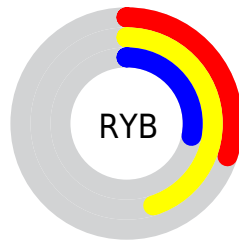
The Hex color **726E48** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **484C72**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **A7A179**, and **413F1B** is the 20% darker color. If you saturate the color by 10%, you get **726D3D**, and if you desaturate by 10%, it is **726F53**.

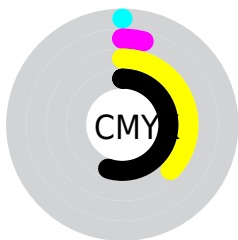
# Distribution



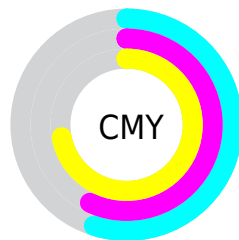
- Red (45%)
- Green (43%)
- Blue (28%)



- Red (30%)
- Yellow (45%)
- Blue (28%)



- Cyan (0%)
- Magenta (4%)
- Yellow (37%)
- Black (55%)



- Cyan (55%)
- Magenta (57%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 726E48 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 726E48 by changing the saturation by 10% instead.





726E48



726E48

FFFFFF



595631



A7A179



413F1B



C2BC93



2B2903



DED8AE



131500



FBF5C9



000000



FFFFE5



726E48



726E48



726D3D



726F53



726C31



72705F

726B26

72716A

726A1A

727276

72690F

727381

726704

72758C

726700

727698

7277A3

7278AF

# Harmonies

## Analogous

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



836849



726E48



5D7351

# Triad

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



726E48



317685



8B6078

# Complementary

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



726E48



484C72

# 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.



796588



726E48



447290

# Square

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



726E48



347774



606C91



925F66

# Rectangle

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



726E48



4F755B



606C91



86617E



# Sweetspot

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



726E48



949284



72484C



4A4940



C9C9C9



4A4A4A



# Same Dimension

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



726E48



948E53



617248



383832



786C00



F7E000



# Inverse Universe

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



484C72



535994



594872



323338



000B78



0018F7



# Previews

## White Background



This preview shows how the Hex color 726E48 looks on a white background.

## Color Contrast Check

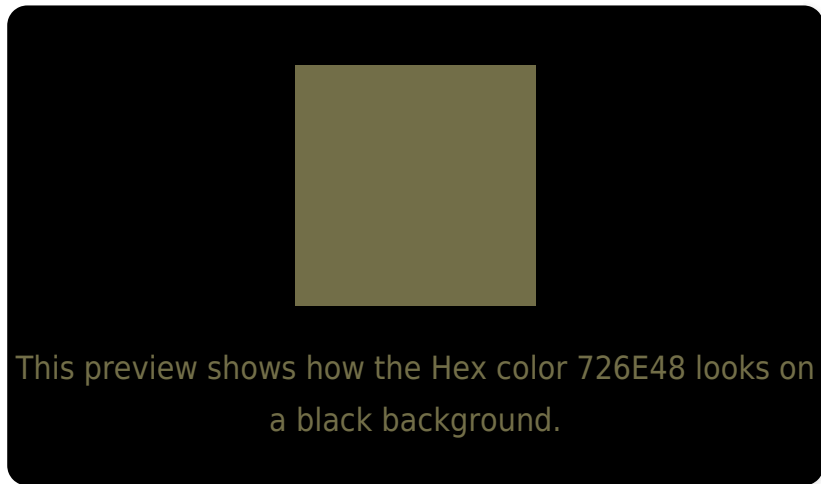
Large Text (above 18pt) WCAG AA ✓ Pass

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

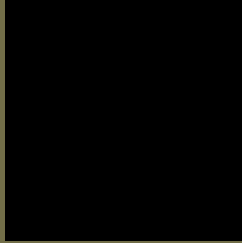
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 726E48 Background



This preview shows how black text looks on a background with the Hex color 726E48.



This preview shows how white text looks on a background with the Hex color 726E48.

# 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**  
726E48

**Protanopia**  
766D47

**Deuteranopia**  
826849



**Tritanopia**  
776971

# Trichromacy



**Original Color**  
726E48

**Protanomaly**  
756D47

**Deuteranomaly**  
7C6A49

**Tritanomaly**  
756B62

# Monochromacy



**Original Color**  
726E48

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
6E6C5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 726E48 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 #726E48 looks like.

```
.text, #text, p{  
    color:#726E48  
}
```

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 #726E48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #726E48
}
```

## Border

The CSS property to change the border of an element to Hex 726E48 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
#726E48 }
```

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

```
.border{ border-color:#726E48 }
```

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

Here you see how a box with a 4 pixel #726E48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #726E48; -webkit-box-shadow:4px 4px  
4px 4px #726E48; box-shadow:4px 4px 4px  
4px #726E48 }
```

# Background

The CSS property to change the background color of an element to Hex 726E48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#726E48 }
```

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

```
.background{ background-color:#726E48 }
```

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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