

# Converting Colors

Hex(726C42)

Have a look what the booklet for  
Hex(726C42) contains.

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**Color**

**Hex(726C42)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 726C42                      |
| RGB         | 114, 108, 66                |
| RGB Percent | 45%, 42%, 26%               |
| CMY         | 0.5529, 0.5765, 0.7412      |
| CMYK        | 0.00, 0.05, 0.42, 0.55      |
| HSL         | 52°, 27%, 35%               |
| HSV         | 52°, 42%, 45%               |
| XYZ         | 13.2854, 14.6959, 7.2906    |
| YIQ         | 105.0060, 17.0580, -11.7900 |

# Conversions

## Conversions Part 2

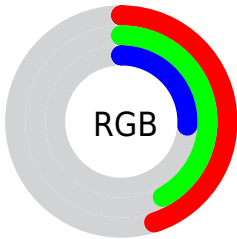
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 73, 114, 66                   |
| Decimal                             | 7498818                       |
| CIELab                              | 45.21, -4.37, 24.33           |
| CIELCh                              | 45, 24.718, 100.184           |
| Yxy                                 | 14.6959, 0.3767,<br>0.4166    |
| Android<br>(android.graphics.Color) | 4285688898<br>(0xFF726C42)    |
| YUV                                 | 105.0060, -19.2300,<br>7.8877 |
| Hunter-Lab                          | 38.3352, -5.2261,<br>15.5588  |

# Details

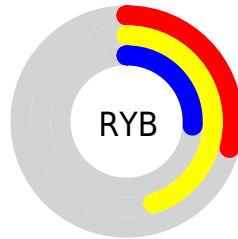
The Hex color **726C42** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **424872**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **A79F73**, and **413D15** is the 20% darker color. If you saturate the color by 10%, you get **726B37**, and if you desaturate by 10%, it is **726D4D**.

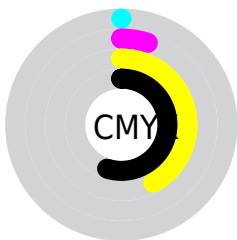
# Distribution



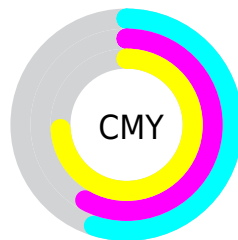
- Red (45%)
- Green (42%)
- Blue (26%)



- Red (29%)
- Yellow (45%)
- Blue (26%)



- Cyan (0%)
- Magenta (5%)
- Yellow (42%)
- Black (55%)



- Cyan (55%)
- Magenta (58%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 726C42 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 726C42 by changing the saturation by 10% instead.



 726C42

 726C42

FFFFFF

 59542B


 A79F73

 413D15

 C2BA8C

 2B2700

 DFD6A7

 111300

 FBF2C2

 000000

 FFFFDE

 FFFFFB

 726C42

 726C42

 726B37

 726D4D

■ 72692B

■ 726F59

■ 726820

■ 727064

■ 726614

■ 727270

■ 726509

■ 72737B

■ 726400

■ 727586

■ 727692

■ 72779D

■ 7279A9

# Harmonies

## Analogous

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



856545



726C42



5B724B

# Triad

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



726C42



207585



8B5D79

# Complementary

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



726C42



424872

# 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.



77638B



726C42



387191

# Square

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



726C42



297672



596B93



935B65

# Rectangle

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



726C42



4B7456



596B93



855F80



# Sweetspot

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



726C42



949181



724248



4A483E



C9C9C9



4A4A4A



# Same Dimension

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



726C42



948A48



607242



383732



786900



F7D800



# Inverse Universe

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



424872



485294



544272



323338



000F78



001FF7



# Previews

## White Background



This preview shows how the Hex color 726C42 looks on a white background.

## Color Contrast Check

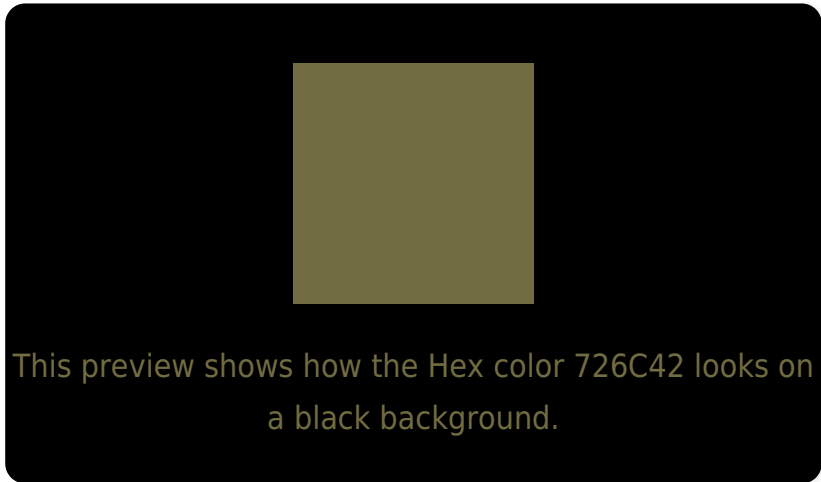
Large Text (above 18pt) WCAG AA ✓ Pass

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

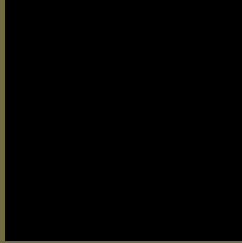
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 726C42 Background



This preview shows how black text looks on a background with the Hex color 726C42.



This preview shows how white text looks on a background with the Hex color 726C42.

# 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**  
726C42

**Protanopia**  
756B42

**Deuteranopia**  
816643



**Tritanopia**  
77676F

# Trichromacy



**Original Color**  
726C42

**Protanomaly**  
746B42

**Deuteranomaly**  
7C6843

**Tritanomaly**  
75695F

# Monochromacy



**Original Color**  
726C42

**Achromatopsia**  
696969

**Achromatomaly**  
6C6A5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 726C42 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 #726C42 looks like.

```
.text, #text, p{  
    color:#726C42  
}
```

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 #726C42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #726C42
}
```

## Border

The CSS property to change the border of an element to Hex 726C42 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
#726C42 }
```

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

```
.border{ border-color:#726C42 }
```

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

Here you see how a box with a 4 pixel #726C42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #726C42; -webkit-box-shadow:4px 4px  
4px 4px #726C42; box-shadow:4px 4px 4px  
4px #726C42 }
```

# Background

The CSS property to change the background color of an element to Hex 726C42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#726C42 }
```

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

```
.background{ background-color:#726C42 }
```

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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