

# Converting Colors

Hex(745D73)

Have a look what the booklet for  
Hex(745D73) contains.

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# Color

**Hex(745D73)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 745D73                    |
| RGB           | 116, 93, 115              |
| RGB Percent   | 45%, 36%, 45%             |
| CMY           | 0.5451, 0.6353, 0.5490    |
| CMYK          | 0.00, 0.20, 0.01, 0.55    |
| HSL           | 303°, 11%, 41%            |
| HSV           | 303°, 20%, 45%            |
| XYZ           | 14.2113, 12.7795, 17.9373 |
| YIQ           | 102.3850, 6.6460, 11.7180 |

# Conversions

## Conversions Part 2

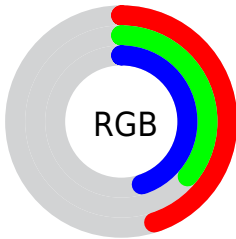
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 116, 93, 115                 |
| Decimal                             | 7626099                      |
| CIE <sub>Lab</sub>                  | 42.43, 13.53, -8.90          |
| CIE <sub>LCh</sub>                  | 42, 16.194, 326.669          |
| Yxy                                 | 12.7795, 0.3163,<br>0.2844   |
| Android<br>(android.graphics.Color) | 4285816179<br>(0xFF745D73)   |
| YUV                                 | 102.3850, 6.2192,<br>11.9404 |
| Hunter-Lab                          | 35.7484, 8.4006,<br>-4.7258  |

# Details

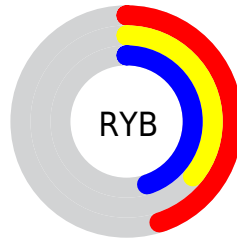
The Hex color **745D73** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5D745E**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **A88FA7**, and **442F43** is the 20% darker color. If you saturate the color by 10%, you get **745172**, and if you desaturate by 10%, it is **746974**.

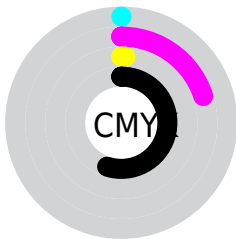
# Distribution



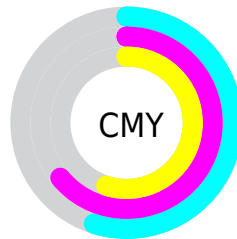
- Red (45%)
- Green (36%)
- Blue (45%)



- Red (45%)
- Yellow (36%)
- Blue (45%)



- Cyan (0%)
- Magenta (20%)
- Yellow (1%)
- Black (55%)



- Cyan (55%)
- Magenta (64%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 745D73 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 745D73 by changing the saturation by 10% instead.





745D73



745D73

FFFFFF



5B455A



A88FA7



442F43



C4AAC2



2D1A2D



E0C5DE



1A0019



FCE1FB



000000

FFFEFF



745D73



745D73



745172



746974



744672



747474

■ 743A71

■ 748075

■ 742F71

■ 748B75

■ 742370

■ 749776

■ 741770

■ 74A376

■ 740C6F

■ 74AE77

■ 74006F

■ 74BA77

■ 74C578

# Harmonies

## Analogous

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



64617C



745D73



7D5B66

# Triad

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



745D73



70634A



3E6B70

# Complementary

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



745D73



5D745E

# 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.



456C62



745D73



61674C

# Square

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



745D73



7A5E4E



526A55



43697A

# Rectangle

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



745D73



805B5D



526A55



3F6C6B



# Sweetspot

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



745D73



968D96



5E5D74



4D474C



CCCCCC



4D4D4D



# Same Dimension

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



745D73



967295



745D68



3B353A



7A0075



FA00EF



# Inverse Universe

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



745D73



967295



5D7469



3B353A



7A0075



FA00EF



# Previews

## White Background



This preview shows how the Hex color 745D73 looks on a white background.

## Color Contrast Check

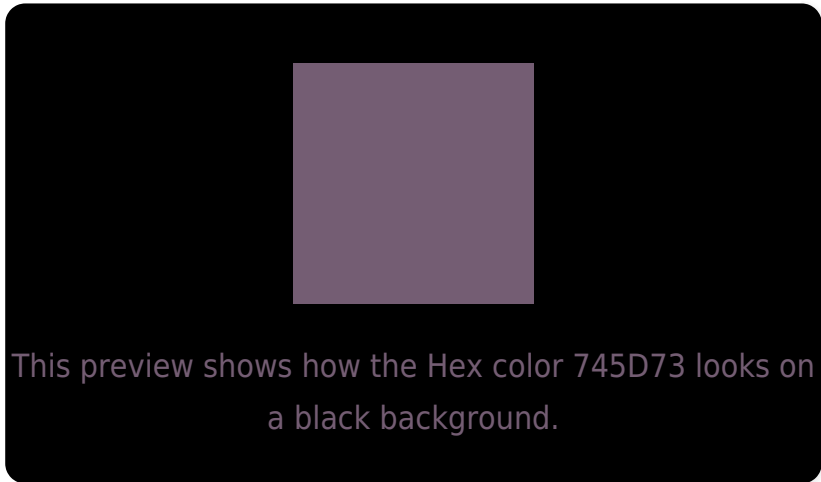
Large Text (above 18pt) WCAG AA ✓ Pass

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

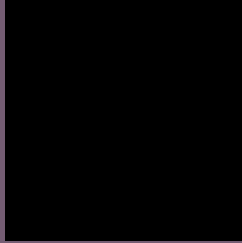
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 745D73 Background



This preview shows how black text looks on a background with the Hex color 745D73.



This preview shows how white text looks on a background with the Hex color 745D73.

# 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**  
745D73

**Protanopia**  
606377

**Deuteranopia**  
686272



**Tritanopia**  
725F67

# Trichromacy



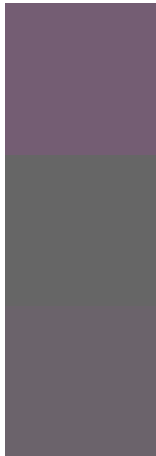
**Original Color**  
745D73

**Protanomaly**  
676176

**Deuteranomaly**  
6C6072

**Tritanomaly**  
735E6B

# Monochromacy



**Original Color**  
745D73

**Achromatopsia**  
666666

**Achromatomaly**  
6B636B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 745D73 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 #745D73 looks like.

```
.text, #text, p{  
    color:#745D73  
}
```

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 #745D73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #745D73
}
```

## Border

The CSS property to change the border of an element to Hex 745D73 is called "border". The border property can be set on classes, ids or directly on the HTML element.

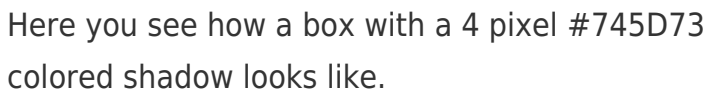
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#745D73 }
```

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

```
.border{ border-color:#745D73 }
```

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



Here you see how a box with a 4 pixel #745D73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #745D73; -webkit-box-shadow:4px 4px  
4px 4px #745D73; box-shadow:4px 4px 4px  
4px #745D73 }
```

# Background

The CSS property to change the background color of an element to Hex 745D73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#745D73 }
```

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

```
.background{ background-color:#745D73 }
```

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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