

# Converting Colors

Hex(745970)

Have a look what the booklet for  
Hex(745970) contains.

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**Color**

**Hex(745970)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	745970
RGB	116, 89, 112
RGB Percent	45%, 35%, 44%
CMY	0.5451, 0.6510, 0.5608
CMYK	0.00, 0.23, 0.03, 0.55
HSL	309°, 13%, 40%
HSV	309°, 23%, 45%
XYZ	13.6995, 12.0276, 16.9288
YIQ	99.6950, 8.7090, 12.8770

# Conversions

## Conversions Part 2

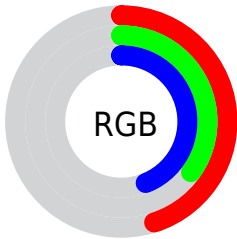
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 89, 112
Decimal	7625072
CIE <sub>Lab</sub>	41.26, 15.34, -8.82
CIE <sub>LCh</sub>	41, 17.699, 330.112
Yxy	12.0276, 0.3212, 0.2820
Android (android.graphics.Color)	4285815152 (0xFF745970)
YUV	99.6950, 6.0664, 14.2995
Hunter-Lab	34.6808, 9.8188, -4.6646

# Details

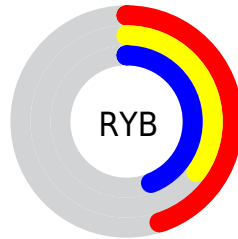
The Hex color **745970** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **59745D**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **A88BA4**, and **432B40** is the 20% darker color. If you saturate the color by 10%, you get **744D6E**, and if you desaturate by 10%, it is **746572**.

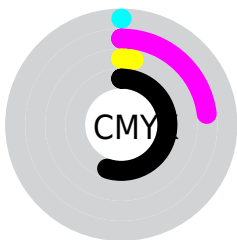
# Distribution



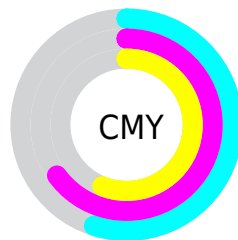
- Red (45%)
- Green (35%)
- Blue (44%)



- Red (45%)
- Yellow (35%)
- Blue (44%)



- Cyan (0%)
- Magenta (23%)
- Yellow (3%)
- Black (55%)



- Cyan (55%)
- Magenta (65%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 745970 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 745970 by changing the saturation by 10% instead.



 745970

 745970

FFFFFF

 5B4158

 A88BA4

 432B40

 C4A6BF

 2D162A

 E0C1DB

 1A0016

 FCDDF7

 000000

 FFF9FF

 745970

 745970

 744D6E

 746572

 74426D

 747073

74366B

747C75

742B69

748777

741F67

749379

741366

749F7A

740864

74AA7C

740063

74B67E

74C17F

# Harmonies

## Analogous

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



645E7A



745970



7D5762

# Triad

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



745970



6C6044



36696F

# Complementary

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



745970



59745D

# 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.



3D6961



745970



5C6548

# Square

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



745970



785C49



4C6852



3D677A

# Rectangle

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



745970



7F5758



4C6852



36696B



# Sweetspot

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



745970



968C95



5D5974



4D464C



CCCCCC



4D4D4D



# Same Dimension

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



745970



966C90



745963



3B353A



7A0068



FA00D5



# Inverse Universe

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



745970



966C90



59746A



3B353A



7A0068

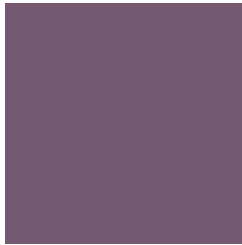


FA00D5



# Previews

## White Background



This preview shows how the Hex color 745970 looks on a white background.

## Color Contrast Check

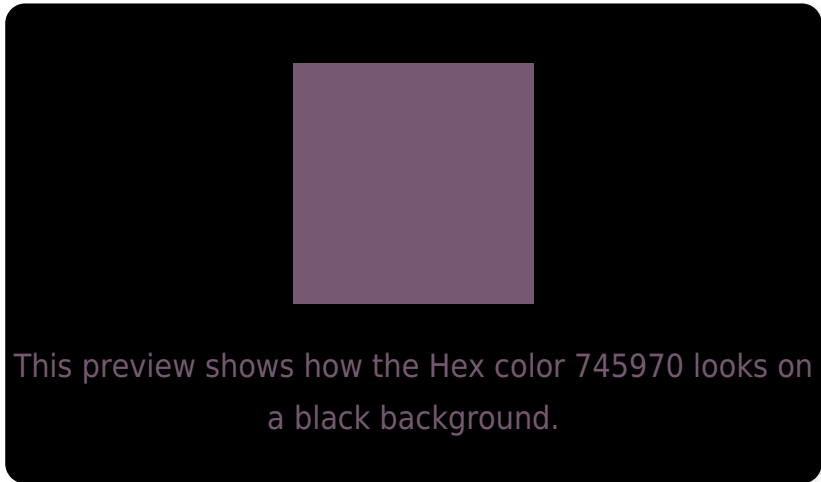
Large Text (above 18pt) WCAG AA ✓ Pass

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

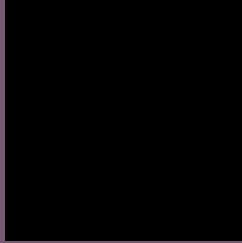
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 745970 Background



This preview shows how black text looks on a background with the Hex color 745970.



This preview shows how white text looks on a background with the Hex color 745970.

# 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](#).

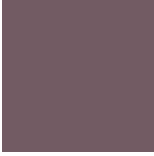
## Dichromacy



**Original Color**  
745970

**Protanopia**  
5D6175

**Deuteranopia**  
655F6F



**Tritanopia**  
725B63

# Trichromacy



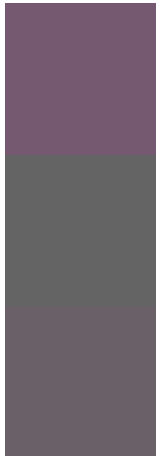
**Original Color**  
745970

**Protanomaly**  
655E73

**Deuteranomaly**  
6A5D6F

**Tritanomaly**  
735A68

# Monochromacy



**Original Color**  
745970

**Achromatopsia**  
646464

**Achromatomaly**  
6A6068

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 745970 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 #745970 looks like.

```
.text, #text, p{  
    color:#745970  
}
```

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 #745970 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #745970
}
```

## Border

The CSS property to change the border of an element to Hex 745970 is called "border". The border property can be set on classes, ids or directly on the HTML element.

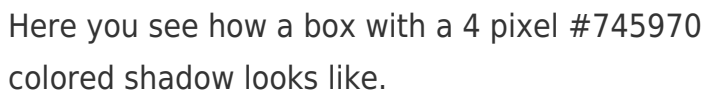
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#745970 }
```

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

```
.border{ border-color:#745970 }
```

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



Here you see how a box with a 4 pixel #745970 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #745970; -webkit-box-shadow:4px 4px  
4px 4px #745970; box-shadow:4px 4px 4px  
4px #745970 }
```

# Background

The CSS property to change the background color of an element to Hex 745970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#745970 }
```

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

```
.background{ background-color:#745970 }
```

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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