

# Converting Colors

Hex(764E70)

Have a look what the booklet for  
Hex(764E70) contains.

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# Color

**Hex(764E70)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	764E70
RGB	118, 78, 112
RGB Percent	46%, 31%, 44%
CMY	0.5373, 0.6941, 0.5608
CMYK	0.00, 0.34, 0.05, 0.54
HSL	309°, 20%, 38%
HSV	309°, 34%, 46%
XYZ	13.1202, 10.4702, 16.6587
YIQ	93.8360, 12.9260, 19.0540

# Conversions

## Conversions Part 2

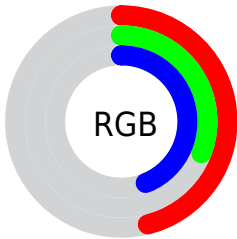
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 78, 112
Decimal	7753328
CIE <sub>Lab</sub>	38.67, 22.75, -12.70
CIE <sub>LCh</sub>	39, 26.053, 330.815
Yxy	10.4702, 0.3260, 0.2601
Android (android.graphics.Color)	4285943408 (0xFF764E70)
YUV	93.8360, 8.9549, 21.1918
Hunter-Lab	32.3577, 15.7514, -7.8739

# Details

The Hex color **764E70** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4E7654**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **AB80A4**, and **452040** is the 20% darker color. If you saturate the color by 10%, you get **76426E**, and if you desaturate by 10%, it is **765A72**.

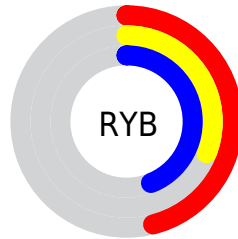
# Distribution



Red (46%)

Green (31%)

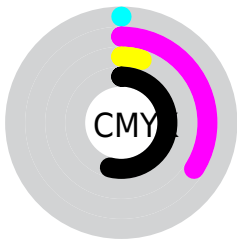
Blue (44%)



Red (46%)

Yellow (31%)

Blue (44%)

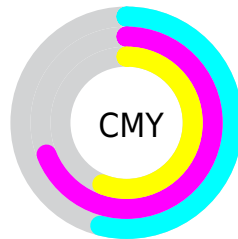


Cyan (0%)

Magenta (34%)

Yellow (5%)

Black (54%)



Cyan (54%)

Magenta (69%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 764E70 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 764E70 by changing the saturation by 10% instead.



764E70

764E70

FFFFFF

5D3758

AB80A4

452040

C69ABF

2E0A2A

E3B5DB

190016

FFD1F7

000000

FFEDFF

764E70

764E70

76426E

765A72

76366C

766674

 762B6B

 767175

 761F69

 767D77

 761367

 768979

 760765

 76957B

 760064

 76A17C

 76AC7E

 76B880

# Harmonies

## Analogous

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



5E557F



764E70



824A5B

# Triad

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



764E70



685A30



006670

# Complementary

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



764E70



4E7654

# 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.



17665B



764E70



526036

# Square

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



764E70



795337



386446



0B637F

# Rectangle

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



764E70



844B4D



386446



006669



# Sweetspot

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



764E70



998A97



544E76



4D434B



CCCCCC



4D4D4D



# Same Dimension

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



764E70



995A90



764E5C



3B353A



7A0068



FA00D4



# Inverse Universe

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



764E70



995A90



4E7668



3B353A



7A0068

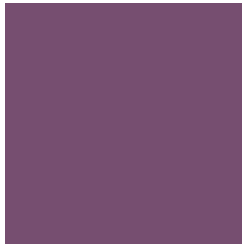


FA00D4



# Previews

## White Background



This preview shows how the Hex color 764E70 looks on a white background.

## Color Contrast Check

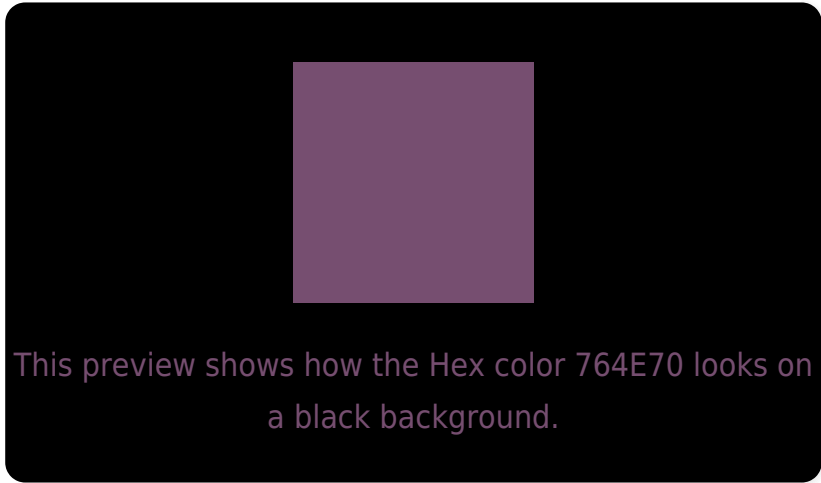
Large Text (above 18pt) WCAG AA ✓ Pass

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

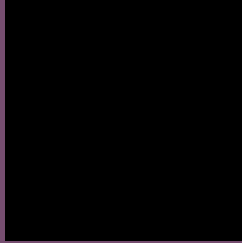
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 764E70 Background



This preview shows how black text looks on a background with the Hex color 764E70.

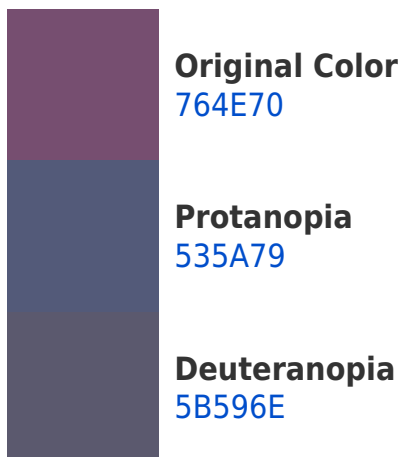


This preview shows how white text looks on a background with the Hex color 764E70.

# 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





**Tritanopia**  
735359

# Trichromacy



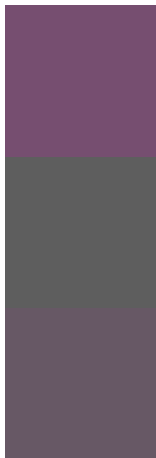
**Original Color**  
764E70

**Protanomaly**  
605676

**Deuteranomaly**  
65556F

**Tritanomaly**  
745161

# Monochromacy



**Original Color**  
764E70

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
675865

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 764E70 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 #764E70 looks like.

```
.text, #text, p{  
    color:#764E70  
}
```

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 #764E70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #764E70
}
```

## Border

The CSS property to change the border of an element to Hex 764E70 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
#764E70 }
```

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

```
.border{ border-color:#764E70 }
```

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

Here you see how a box with a 4 pixel #764E70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #764E70; -webkit-box-shadow:4px 4px  
4px 4px #764E70; box-shadow:4px 4px 4px  
4px #764E70 }
```

# Background

The CSS property to change the background color of an element to Hex 764E70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#764E70 }
```

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

```
.background{ background-color:#764E70 }
```

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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