

# Converting Colors

Hex(754781)

Have a look what the booklet for  
Hex(754781) contains.

<b>Hex(754781)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(754781)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	754781
RGB	117, 71, 129
RGB Percent	46%, 28%, 51%
CMY	0.5412, 0.7216, 0.4941
CMYK	0.09, 0.45, 0.00, 0.49
HSL	288°, 29%, 39%
HSV	288°, 45%, 51%
XYZ	13.5518, 9.8734, 21.9604
YIQ	91.3660, 8.7980, 27.7900

# Conversions

## Conversions Part 2

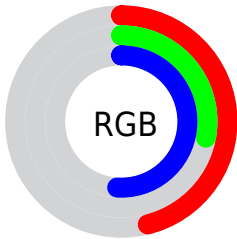
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 71, 129
Decimal	7686017
CIE <sub>Lab</sub>	37.61, 30.11, -24.85
CIE <sub>LCh</sub>	38, 39.044, 320.470
Yxy	9.8734, 0.2986, 0.2175
Android (android.graphics.Color)	4285876097 (0xFF754781)
YUV	91.3660, 18.5536, 22.4810
Hunter-Lab	31.4219, 21.9961, -19.4417




# Details

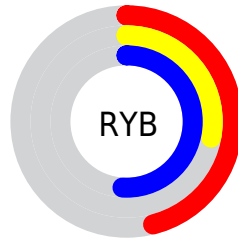
The Hex color **754781** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **538147**, and the grayscale version is **5B5B5B**.




A 20% lighter version of the original color is **AA79B6**, and **43184F** is the 20% darker color. If you saturate the color by 10%, you get **723A81**, and if you desaturate by 10%, it is **785481**.

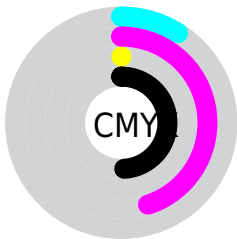
# Distribution







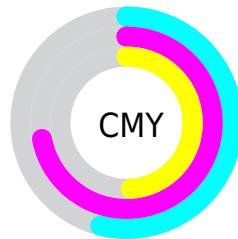
-  Red (46%)
-  Green (28%)
-  Blue (51%)






-  Red (46%)
-  Yellow (28%)
-  Blue (51%)



-  Cyan (9%)
-  Magenta (45%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (54%)
-  Magenta (72%)
-  Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 754781 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 754781 by changing the saturation by 10% instead.



 754781

 754781

FFFFFF

 5C2F68

 AA79B6

 43184F

 C693D2

 2B0238

 E2AEEE

 160023

 FFC9FF

 000009

 FFE6FF

 000000

 754781

 754781

 723A81

 785481

 702D81

 7A6181

6D2081

7D6E81

6A1381

807B81

680781

828881

660081

859481

88A181

8AAE81

8DBB81

# Harmonies

## Analogous

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



475494



754781



8D3D64

# Triad

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



754781



725316



00686E

# Complementary

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



754781



538147

# 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.



00674D



754781



545D18

# Square

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



754781



884729



2E642E



006589

# Rectangle

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



754781



923C4F



2E642E



006863



# Sweetspot

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



754781



A492A8



475481



514754



D4D4D4



545454



# Same Dimension

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



754781



954DA8



814771



3E3940



650080



000000



# Inverse Universe

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



814753



A84D60



478157



40393B



80001A

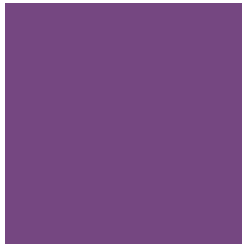


000000



# Previews

## White Background



This preview shows how the Hex color 754781 looks on a white background.

## Color Contrast Check

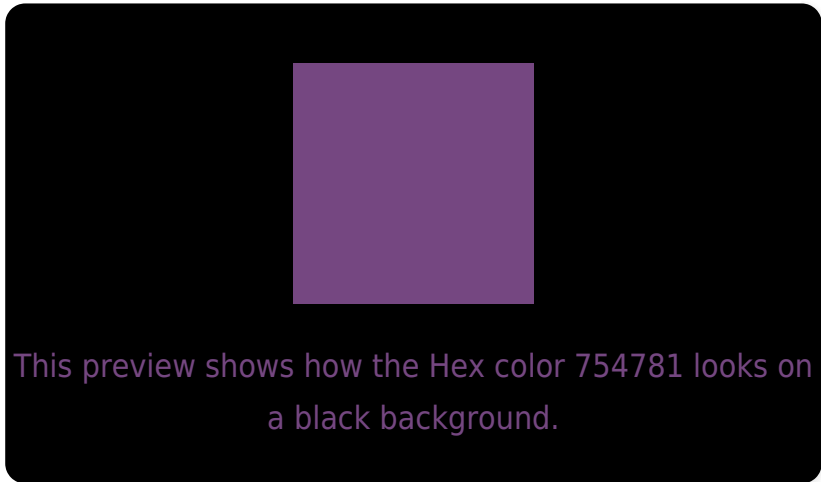
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

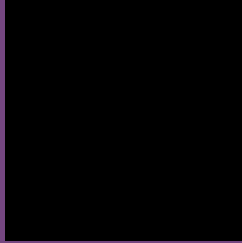
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 754781 Background



This preview shows how black text looks on a background with the Hex color 754781.



This preview shows how white text looks on a background with the Hex color 754781.

# 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**  
6F5157

# Trichromacy



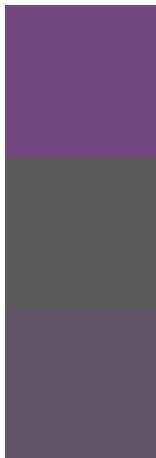
**Original Color**  
754781

**Protanomaly**  
55518A

**Deuteranomaly**  
5B527F

**Tritanomaly**  
714D66

# Monochromacy



**Original Color**  
754781

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
645469

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 754781 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 #754781 looks like.

```
.text, #text, p{  
    color:#754781  
}
```

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 #754781 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #754781
}
```

## Border

The CSS property to change the border of an element to Hex 754781 is called "border". The border property can be set on classes, ids or directly on the HTML element.

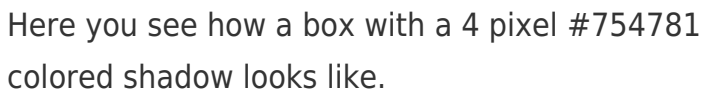
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#754781 }
```

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

```
.border{ border-color:#754781 }
```

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



Here you see how a box with a 4 pixel #754781 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #754781; -webkit-box-shadow:4px 4px  
4px 4px #754781; box-shadow:4px 4px 4px  
4px #754781 }
```

# Background

The CSS property to change the background color of an element to Hex 754781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#754781 }
```

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

```
.background{ background-color:#754781 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor