

# Converting Colors

Hex(744A81)

Have a look what the booklet for  
Hex(744A81) contains.

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# Color

**Hex(744A81)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	744A81
RGB	116, 74, 129
RGB Percent	45%, 29%, 51%
CMY	0.5451, 0.7098, 0.4941
CMYK	0.10, 0.43, 0.00, 0.49
HSL	286°, 27%, 40%
HSV	286°, 43%, 51%
XYZ	13.6137, 10.1955, 22.0193
YIQ	92.8280, 7.3770, 26.0090

# Conversions

## Conversions Part 2

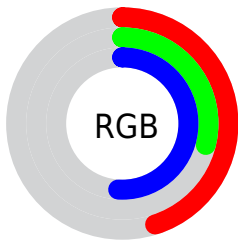
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 74, 129
Decimal	7621249
CIE <sub>Lab</sub>	38.19, 28.02, -23.96
CIE <sub>LCh</sub>	38, 36.871, 319.470
Yxy	10.1955, 0.2971, 0.2225
Android (android.graphics.Color)	4285811329 (0xFF744A81)
YUV	92.8280, 17.8328, 20.3218
Hunter-Lab	31.9305, 20.2259, -18.5352

# Details

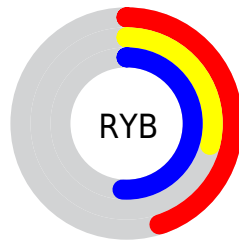
The Hex color **744A81** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **57814A**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **A97CB6**, and **421C4F** is the 20% darker color. If you saturate the color by 10%, you get **713D81**, and if you desaturate by 10%, it is **775781**.

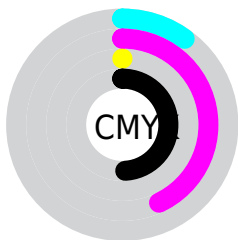
# Distribution



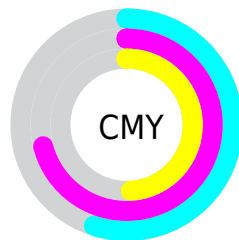
- Red (45%)
- Green (29%)
- Blue (51%)



- Red (45%)
- Yellow (29%)
- Blue (51%)



- Cyan (10%)
- Magenta (43%)
- Yellow (0%)
- Black (49%)



- Cyan (55%)
- Magenta (71%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 744A81 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 744A81 by changing the saturation by 10% instead.



 744A81

 744A81

FFFFFF

 5B3368

 A97CB6

 421C4F

 C596D2

 2B0538

 E1B1EE

 170023

 FECCFF


 000009

 FFE9FF

 000000

 744A81

 744A81

 713D81

 775781

 6E3081

 7A6481

6B2381

7D7181

681681

807E81

650A81

838B81

630081

869781

89A481

8CB181

8FBE81

# Harmonies

## Analogous

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



495692



744A81



8B4166

# Triad

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



744A81



73551D



00696D

# Complementary

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



744A81



57814A

# 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.



00684E



744A81



585E1E

# Square

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



744A81



88492D



346531



006687

# Rectangle

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



744A81



913F52



346531



006963



# Sweetspot

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



744A81



A392A8



4A5881



514754



D4D4D4



545454



# Same Dimension

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



744A81



9452A8



814A73



3E3940



610080



000000



# Inverse Universe

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



814A57



A85267



4A8158



40393B



80001E



000000



# Previews

## White Background



This preview shows how the Hex color 744A81 looks on a white background.

## Color Contrast Check

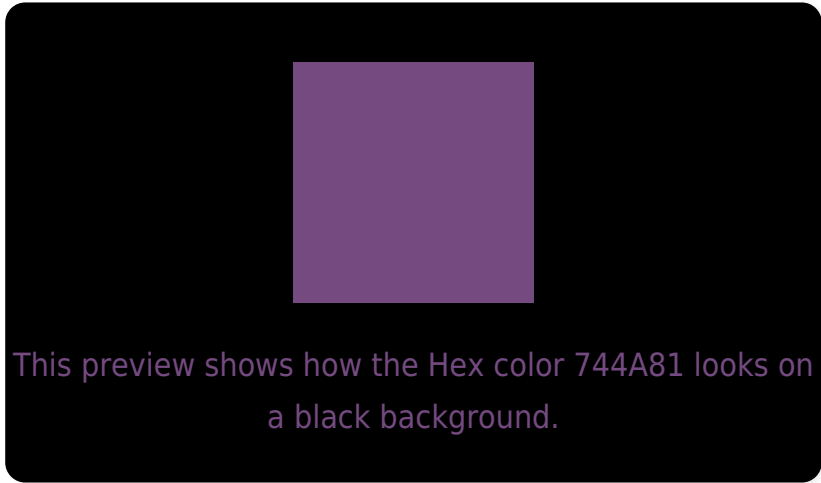
Large Text (above 18pt) WCAG AA ✓ Pass

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

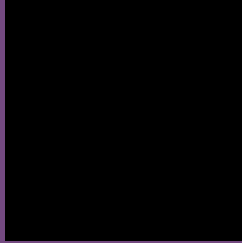
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 744A81 Background



This preview shows how black text looks on a background with the Hex color 744A81.

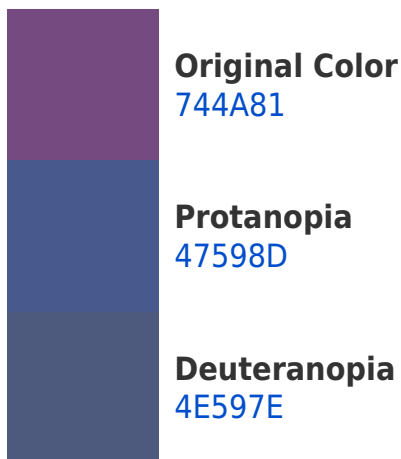


This preview shows how white text looks on a background with the Hex color 744A81.

# 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**  
6E5359

# Trichromacy



**Original Color**  
744A81

**Protanomaly**  
575489

**Deuteranomaly**  
5C547F

**Tritanomaly**  
705068

# Monochromacy



**Original Color**  
744A81

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
65566A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 744A81 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 #744A81 looks like.

```
.text, #text, p{  
    color:#744A81  
}
```

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 #744A81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #744A81
}
```

## Border

The CSS property to change the border of an element to Hex 744A81 is called "border". The border property can be set on classes, ids or directly on the HTML element.

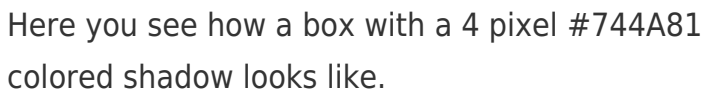
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#744A81 }
```

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

```
.border{ border-color:#744A81 }
```

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



Here you see how a box with a 4 pixel #744A81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #744A81; -webkit-box-shadow:4px 4px  
4px 4px #744A81; box-shadow:4px 4px 4px  
4px #744A81 }
```

# Background

The CSS property to change the background color of an element to Hex 744A81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#744A81 }
```

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

```
.background{ background-color:#744A81 }
```

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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