

# Converting Colors

Hex(744A6B)

Have a look what the booklet for  
Hex(744A6B) contains.

<b>Hex(744A6B)</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(744A6B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	744A6B
RGB	116, 74, 107
RGB Percent	45%, 29%, 42%
CMY	0.5451, 0.7098, 0.5804
CMYK	0.00, 0.36, 0.08, 0.55
HSL	313°, 22%, 37%
HSV	313°, 36%, 45%
XYZ	12.3051, 9.6721, 15.1283
YIQ	90.3200, 14.4390, 19.1670

# Conversions

## Conversions Part 2

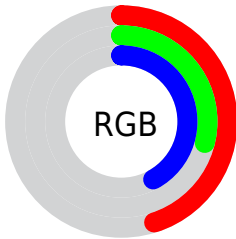
Format	Color
R <sub>Y</sub> B	116, 74, 107
Decimal	7621227
CIE Lab	37.25, 23.43, -11.78
CIE LCh	37, 26.222, 333.301
Yxy	9.6721, 0.3316, 0.2607
Android (android.graphics.Color)	4285811307 (0xFF744A6B)
YUV	90.3200, 8.2232, 22.5214
Hunter-Lab	31.1000, 16.2006, -7.0710

# Details

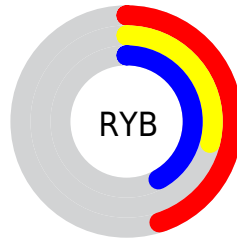
The Hex color **744A6B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4A7453**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **A97B9E**, and **431C3C** is the 20% darker color. If you saturate the color by 10%, you get **743E69**, and if you desaturate by 10%, it is **74566D**.

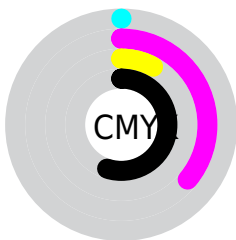
# Distribution



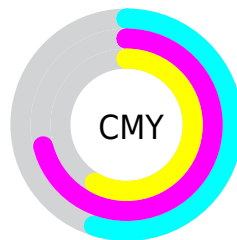
- Red (45%)
- Green (29%)
- Blue (42%)



- Red (45%)
- Yellow (29%)
- Blue (42%)



- Cyan (0%)
- Magenta (36%)
- Yellow (8%)
- Black (55%)



- Cyan (55%)
- Magenta (71%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 744A6B 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 744A6B by changing the saturation by 10% instead.





744A6B



744A6B

FFFFFF



5B3353



A97B9E



431C3C



C496B9



2C0626



E0B0D5



130010



FDCCF1



000000



FFE8FF



744A6B



744A6B



743E69



74566D



743366



746170

742764

746D72

741C61

747875

74105F

748477

74045C

74907A

74005B

749B7C

74A77F

74B281

# Harmonies

## Analogous

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



5D517B



744A6B



7F4756

# Triad

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



744A6B



63572D



00626E

# Complementary

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



744A6B



4A7453

# 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.



0B6359



744A6B



4D5D33

# Square

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



744A6B



745032



326144



065F7D

# Rectangle

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



744A6B



804848



326144



006368



# Sweetspot

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



744A6B



968693



524A74



4D434A



CCCCCC



4D4D4D



# Same Dimension

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



744A6B



965689



744A57



3B3539



7A0060



FA00C4



# Inverse Universe

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



744A6B



965689



4A7467



3B3539



7A0060

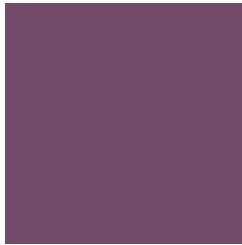


FA00C4



# Previews

## White Background



This preview shows how the Hex color 744A6B looks on a white background.

## Color Contrast Check

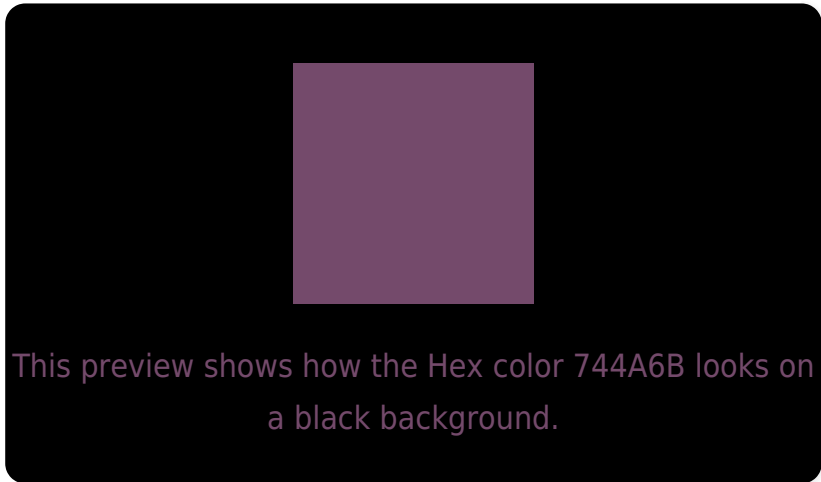
Large Text (above 18pt) WCAG AA ✓ Pass

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

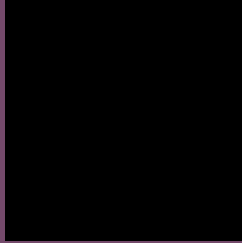
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 744A6B Background



This preview shows how black text looks on a background with the Hex color 744A6B.



This preview shows how white text looks on a background with the Hex color 744A6B.

# 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**  
744A6B

**Protanopia**  
505774

**Deuteranopia**  
585669



**Tritanopia**  
714E54

# Trichromacy



**Original Color**  
744A6B

**Protanomaly**  
5D5271

**Deuteranomaly**  
62526A

**Tritanomaly**  
724D5C

# Monochromacy



**Original Color**  
744A6B

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
635460

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 744A6B 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 #744A6B looks like.

```
.text, #text, p{  
    color:#744A6B  
}
```

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 #744A6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #744A6B
}
```

## Border

The CSS property to change the border of an element to Hex 744A6B is called "border". The border property can be set on classes, ids or directly on the HTML element.

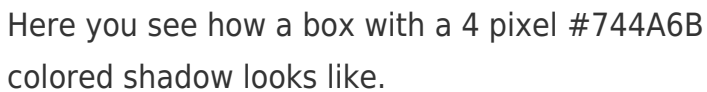
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#744A6B }
```

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

```
.border{ border-color:#744A6B }
```

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



Here you see how a box with a 4 pixel #744A6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #744A6B; -webkit-box-shadow:4px 4px  
4px 4px #744A6B; box-shadow:4px 4px 4px  
4px #744A6B }
```

# Background

The CSS property to change the background color of an element to Hex 744A6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#744A6B }
```

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

```
.background{ background-color:#744A6B }
```

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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