

# Converting Colors

Hex(754868)

Have a look what the booklet for  
Hex(754868) contains.

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# Color

**Hex(754868)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	754868
RGB	117, 72, 104
RGB Percent	46%, 28%, 41%
CMY	0.5412, 0.7176, 0.5922
CMYK	0.00, 0.38, 0.11, 0.54
HSL	317°, 24%, 37%
HSV	317°, 38%, 46%
XYZ	12.1522, 9.4161, 14.2737
YIQ	89.1030, 16.5480, 19.4920

# Conversions

## Conversions Part 2

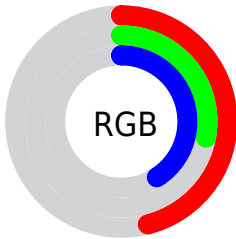
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 72, 104
Decimal	7686248
CIE <sub>Lab</sub>	36.77, 24.42, -10.61
CIE <sub>LCh</sub>	37, 26.623, 336.513
Yxy	9.4161, 0.3390, 0.2627
Android (android.graphics.Color)	4285876328 (0xFF754868)
YUV	89.1030, 7.3442, 24.4657
Hunter-Lab	30.6857, 16.9898, -6.0993

# Details

The Hex color **754868** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **487555**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **AA799B**, and **431A39** is the 20% darker color. If you saturate the color by 10%, you get **753C65**, and if you desaturate by 10%, it is **75546B**.

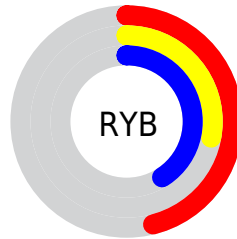
# Distribution



Red (46%)

Green (28%)

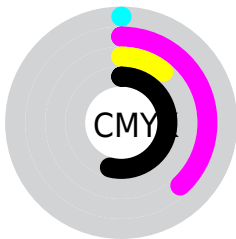
Blue (41%)



Red (46%)

Yellow (28%)

Blue (41%)

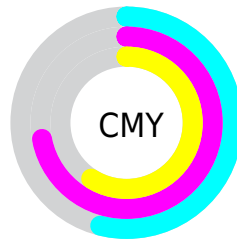


Cyan (0%)

Magenta (38%)

Yellow (11%)

Black (54%)



Cyan (54%)

Magenta (72%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 754868 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 754868 by changing the saturation by 10% instead.



 754868

 754868

FFFFFF

 5C3150

 AA799B

 431A39

 C693B6

 2C0423

 E2AED2

 13000D

 FFCAEE

 000000

 FFE6FF

 754868

 754868

 753C65

 75546B

 753161

 755F6F

75255E

756B72

75195A

757776

750E57

758379

750254

758E7C

750053

759A80

75A683

75B186

# Harmonies

## Analogous

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



5F4F79



754868



7F4553

# Triad

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



754868



5F572B



00616F

# Complementary

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



754868



487555

# 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.



00625B



754868



495D33

# Square

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



754868



724F2F



2D6045



075D7D

# Rectangle

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



754868



7F4745



2D6045



006169



# Sweetspot

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



754868



998794



554875



4D4249



CCCCCC



4D4D4D



# Same Dimension

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



754868



995385



754852



3B3539



7A0057



FA00B2



# Inverse Universe

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



754868



995385



48756B



3B3539



7A0057

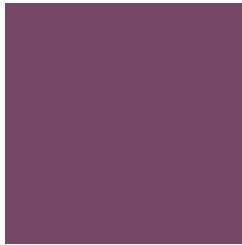


FA00B2



# Previews

## White Background



This preview shows how the Hex color 754868 looks on a white background.

## Color Contrast Check

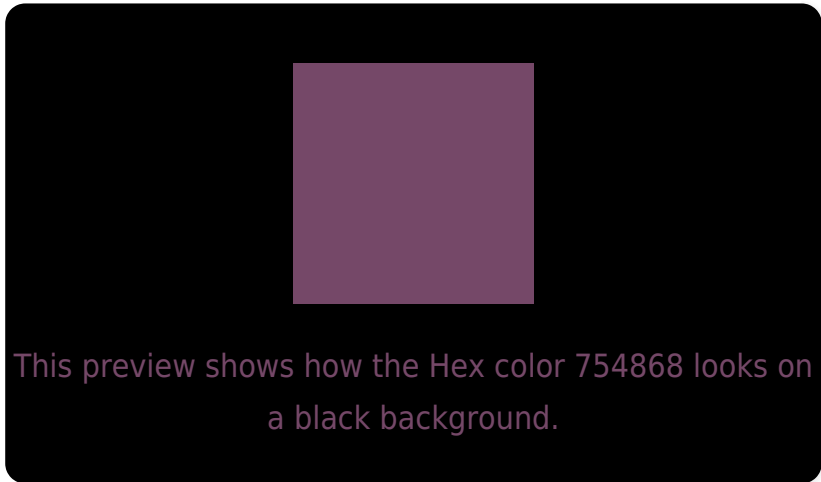
Large Text (above 18pt) WCAG AA ✓ Pass

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

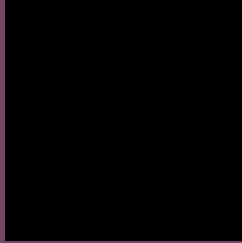
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 754868 Background



This preview shows how black text looks on a background with the Hex color 754868.



This preview shows how white text looks on a background with the Hex color 754868.

# 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**  
754868

**Protanopia**  
4F5672

**Deuteranopia**  
585566



**Tritanopia**  
724C52

# Trichromacy



**Original Color**  
754868

**Protanomaly**  
5D516E

**Deuteranomaly**  
635067

**Tritanomaly**  
734B5A

# Monochromacy



**Original Color**  
754868

**Achromatopsia**  
595959

**Achromatomaly**  
63535E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 754868 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 #754868 looks like.

```
.text, #text, p{  
    color:#754868  
}
```

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 #754868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #754868
}
```

## Border

The CSS property to change the border of an element to Hex 754868 is called "border". The border property can be set on classes, ids or directly on the HTML element.

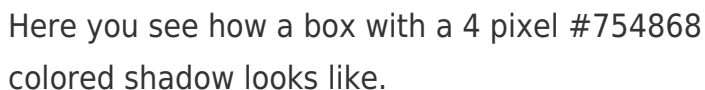
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#754868 }
```

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

```
.border{ border-color:#754868 }
```

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



Here you see how a box with a 4 pixel #754868 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #754868; -webkit-box-shadow:4px 4px  
4px 4px #754868; box-shadow:4px 4px 4px  
4px #754868 }
```

# Background

The CSS property to change the background color of an element to Hex 754868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#754868 }
```

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

```
.background{ background-color:#754868 }
```

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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