

# Converting Colors

Hex(75408F)

Have a look what the booklet for  
Hex(75408F) contains.

<b>Hex(75408F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(75408F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	75408F
RGB	117, 64, 143
RGB Percent	46%, 25%, 56%
CMY	0.5412, 0.7490, 0.4392
CMYK	0.18, 0.55, 0.00, 0.44
HSL	280°, 38%, 41%
HSV	280°, 55%, 56%
XYZ	14.1274, 9.4319, 27.0625
YIQ	88.8530, 6.2290, 35.8050

# Conversions

## Conversions Part 2

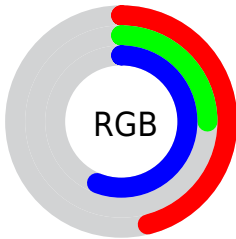
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 64, 143
Decimal	7684239
CIE <sub>Lab</sub>	36.80, 37.26, -34.71
CIE <sub>LCh</sub>	37, 50.920, 317.030
Yxy	9.4319, 0.2791, 0.1863
Android (android.graphics.Color)	4285874319 (0xFF75408F)
YUV	88.8530, 26.6945, 24.6849
Hunter-Lab	30.7113, 28.3664, -30.7478

# Details

The Hex color **75408F** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5A8F40**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **AB72C5**, and **420F5C** is the 20% darker color. If you saturate the color by 10%, you get **70328F**, and if you desaturate by 10%, it is **7A4E8F**.

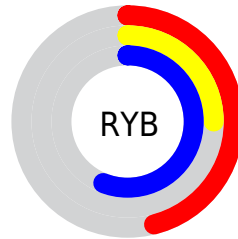
# Distribution



Red (46%)

Green (25%)

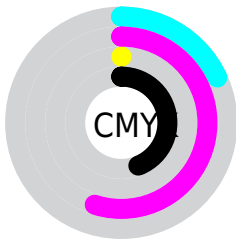
Blue (56%)



Red (46%)

Yellow (25%)

Blue (56%)

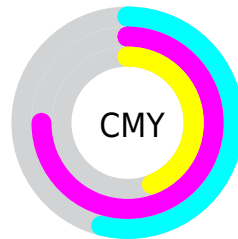


Cyan (18%)

Magenta (55%)

Yellow (0%)

Black (44%)



Cyan (54%)

Magenta (75%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75408F 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 75408F by changing the saturation by 10% instead.



 75408F

 75408F

FFFFFF

 5B2875

 AB72C5

 420F5C

 C78CE1

 290044

 E4A7FE

 12002D

 FFC3FF

 000117

 FFDFFF

 000000

 FFFCFF

 75408F

 75408F

 70328F

 7A4E8F

6C238F

7E5D8F

67158F

836B8F

62078F

88798F

60008F

8D888F

91968F

96A48F

9BB28F

9FC18F

# Harmonies

## Analogous

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



2853A6



75408F



962D6A

# Triad

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



75408F



784E00



00696D

# Complementary

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



75408F



5A8F40

# 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.



006843



75408F



535C00

# Square

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



75408F



923C1B



1E6418



006792

# Rectangle

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



75408F



9E294F



1E6418



00695F



# Sweetspot

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



75408F



B09BBA



405A8F



584B5E



DEDEDE



5E5E5E



# Same Dimension

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



75408F



923FBA



8F4082



454047



5B0087



050008



# Inverse Universe

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



8F405A



BA3F68



408F4D



474043



87002C

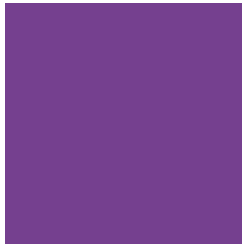


080003



# Previews

## White Background



This preview shows how the Hex color 75408F looks on a white background.

## Color Contrast Check

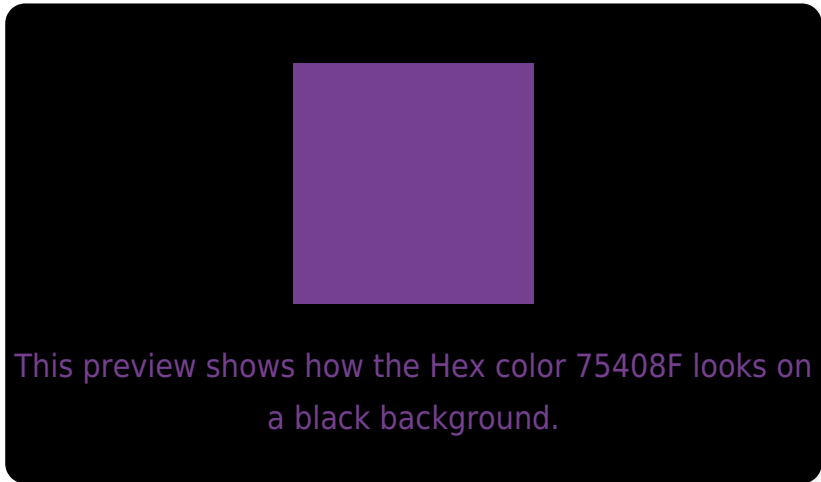
Large Text (above 18pt) WCAG AA ✓ Pass

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

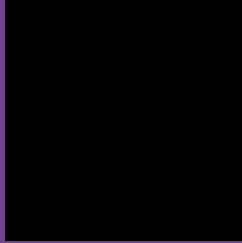
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 75408F Background



This preview shows how black text looks on a background with the Hex color 75408F.

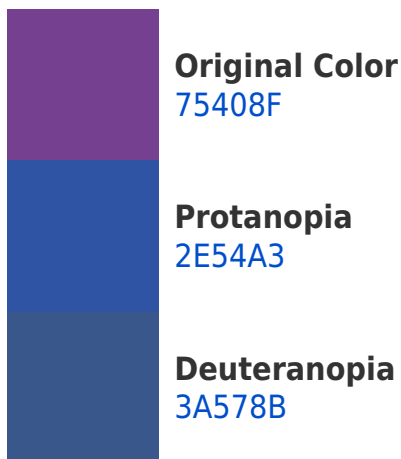


This preview shows how white text looks on a background with the Hex color 75408F.

# 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](#).

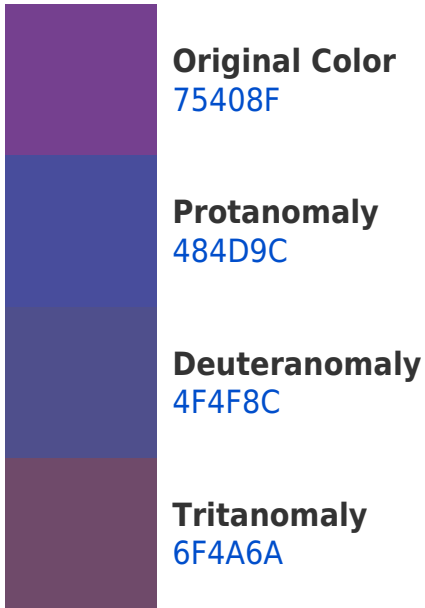
## Dichromacy



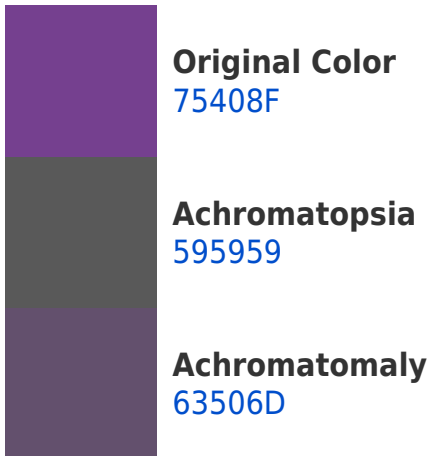


**Tritanopia**  
6C4F55

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75408F 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 #75408F looks like.

```
.text, #text, p{  
    color:#75408F  
}
```

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 #75408F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75408F
}
```

## Border

The CSS property to change the border of an element to Hex 75408F is called "border". The border property can be set on classes, ids or directly on the HTML element.

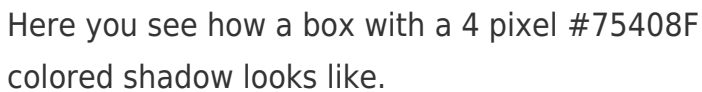
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#75408F }
```

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

```
.border{ border-color:#75408F }
```

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



Here you see how a box with a 4 pixel #75408F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75408F; -webkit-box-shadow:4px 4px  
4px 4px #75408F; box-shadow:4px 4px 4px  
4px #75408F }
```

# Background

The CSS property to change the background color of an element to Hex 75408F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75408F }
```

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

```
.background{ background-color:#75408F }
```

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