

# Converting Colors

Hex(73478F)

Have a look what the booklet for  
Hex(73478F) contains.

<b>Hex(73478F)</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(73478F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	73478F
RGB	115, 71, 143
RGB Percent	45%, 28%, 56%
CMY	0.5490, 0.7216, 0.4392
CMYK	0.20, 0.50, 0.00, 0.44
HSL	277°, 34%, 42%
HSV	277°, 50%, 56%
XYZ	14.2814, 10.1345, 27.1900
YIQ	92.3640, 3.1120, 31.7200

# Conversions

## Conversions Part 2

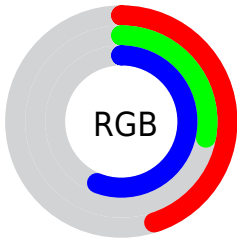
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	115, 71, 143
Decimal	7554959
CIE Lab	38.08, 32.70, -32.70
CIE LCh	38, 46.244, 315.002
Yxy	10.1345, 0.2767, 0.1964
Android (android.graphics.Color)	4285745039 (0xFF73478F)
YUV	92.3640, 24.9635, 19.8518
Hunter-Lab	31.8347, 24.3663, -28.3553

# Details

The Hex color **73478F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **638F47**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **A979C5**, and **40185C** is the 20% darker color. If you saturate the color by 10%, you get **6D398F**, and if you desaturate by 10%, it is **79558F**.

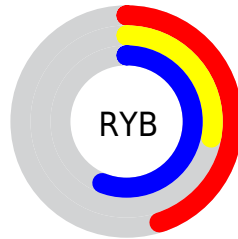
# Distribution



Red (45%)

Green (28%)

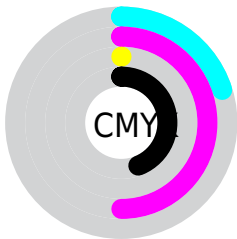
Blue (56%)



Red (45%)

Yellow (28%)

Blue (56%)

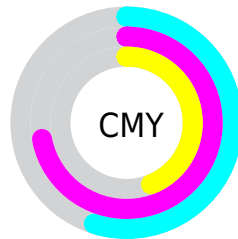


Cyan (20%)

Magenta (50%)

Yellow (0%)

Black (44%)



Cyan (55%)

Magenta (72%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73478F 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 73478F by changing the saturation by 10% instead.



 73478F

 73478F

FFFFFF

 592F75

 A979C5

 40185C

 C493E1

 280144

 E1AEFE

 14002E

 FECAFF

 000118

 FFE6FF

 000000

 73478F

 73478F

 6D398F

 79558F

 682A8F

 7E648F

621C8F

84728F

5D0E8F

89808F

57008F

8F8F8F

949D8F

9AAB8F

9FB98F

A5C88F

# Harmonies

## Analogous

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



2F58A2



73478F



93376E

# Triad

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



73478F



7B5107



006B6C

# Complementary

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



73478F



638F47

# 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.



006A45



73478F



5A5E01

# Square

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



73478F



934126



2E6620



00698E

# Rectangle

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



73478F



9C3455



2E6620



006B5F



# Sweetspot

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



73478F



AF9EBA



47648F



584D5E



DEDEDE



5E5E5E



# Same Dimension

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



73478F



8F4ABA



8F4788



454047



530087



050008



# Inverse Universe

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



8F4763



BA4A76



478F4E



474043



870035

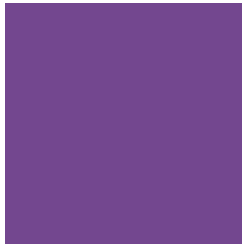


080003



# Previews

## White Background



This preview shows how the Hex color 73478F looks on a white background.

## Color Contrast Check

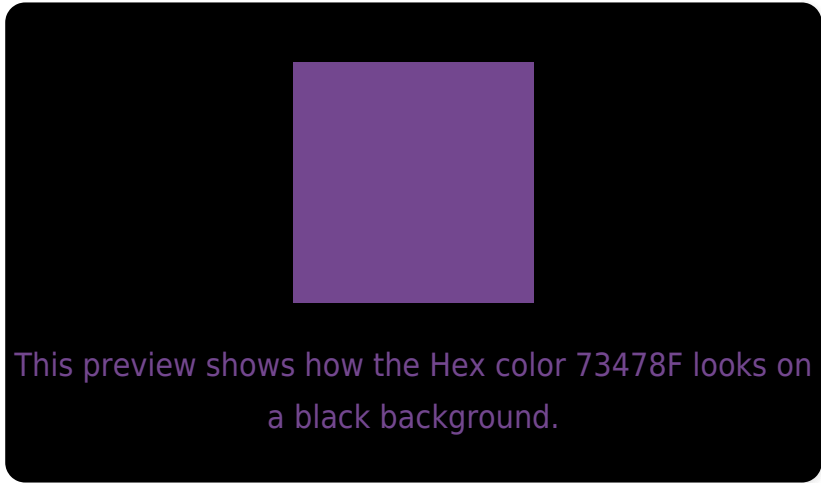
Large Text (above 18pt) WCAG AA ✓ Pass

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

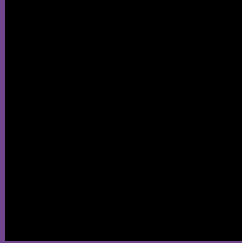
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 73478F Background



This preview shows how black text looks on a background with the Hex color 73478F.

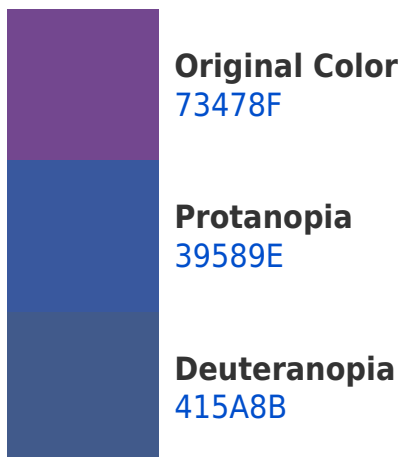


This preview shows how white text looks on a background with the Hex color 73478F.

# 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](#).

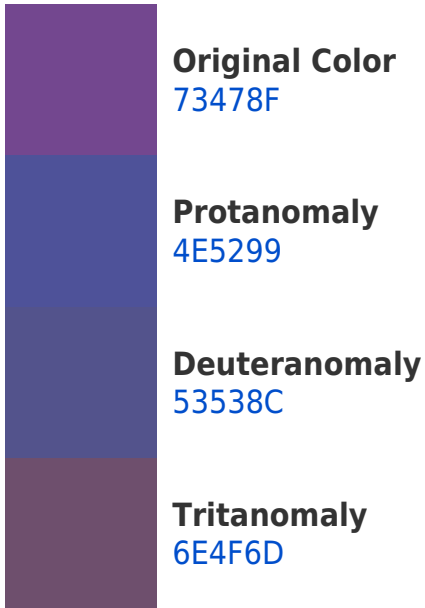
## Dichromacy



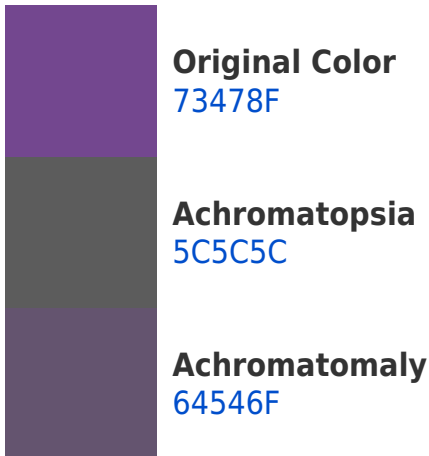


**Tritanopia**  
6B545A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73478F 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 #73478F looks like.

```
.text, #text, p{  
    color:#73478F  
}
```

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 #73478F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73478F
}
```

## Border

The CSS property to change the border of an element to Hex 73478F is called "border". The border property can be set on classes, ids or directly on the HTML element.

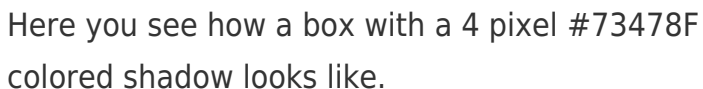
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#73478F }
```

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

```
.border{ border-color:#73478F }
```

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



Here you see how a box with a 4 pixel #73478F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73478F; -webkit-box-shadow:4px 4px  
4px 4px #73478F; box-shadow:4px 4px 4px  
4px #73478F }
```

# Background

The CSS property to change the background color of an element to Hex 73478F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73478F }
```

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

```
.background{ background-color:#73478F }
```

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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