

# Converting Colors

Hex(74598E)

Have a look what the booklet for  
Hex(74598E) contains.

<b>Hex(74598E)</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(74598E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	74598E
RGB	116, 89, 142
RGB Percent	45%, 35%, 56%
CMY	0.5451, 0.6510, 0.4431
CMYK	0.18, 0.37, 0.00, 0.44
HSL	271°, 23%, 45%
HSV	271°, 37%, 56%
XYZ	15.6573, 12.8108, 27.2387
YIQ	103.1150, -0.9210, 22.2070

# Conversions

## Conversions Part 2

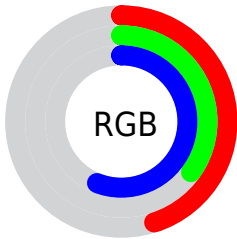
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 89, 142
Decimal	7625102
CIE <sub>Lab</sub>	42.48, 22.04, -25.20
CIE <sub>LCh</sub>	42, 33.475, 311.172
Yxy	12.8108, 0.2811, 0.2300
Android (android.graphics.Color)	4285815182 (0xFF74598E)
YUV	103.1150, 19.1703, 11.3001
Hunter-Lab	35.7921, 15.4489, -20.0667

# Details

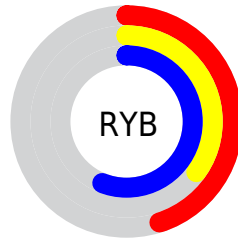
The Hex color **74598E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **738E59**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **A98BC4**, and **422B5B** is the 20% darker color. If you saturate the color by 10%, you get **6D4B8E**, and if you desaturate by 10%, it is **7B678E**.

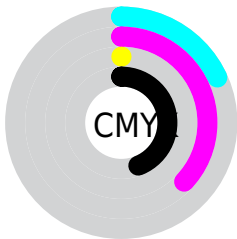
# Distribution



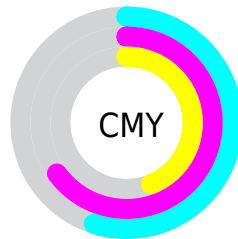
- Red (45%)
- Green (35%)
- Blue (56%)



- Red (45%)
- Yellow (35%)
- Blue (56%)



- Cyan (18%)
- Magenta (37%)
- Yellow (0%)
- Black (44%)



- Cyan (55%)
- Magenta (65%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74598E 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 74598E by changing the saturation by 10% instead.



 74598E

 74598E

FFFFFF

 5B4174

 A98BC4

 422B5B

 C4A6E0

 2B1544

 E1C1FD

 18002D

 FDDDFD

 000118

 FFFAFF

 000000

 74598E

 74598E

 6D4B8E

 7B678E

 663D8E

 82758E

5F2E8E

89848E

58208E

90928E

51128E

97A08E

4A048E

9EAE8E

48008E

A5BC8E

ACCB8E

B3D98E

# Harmonies

## Analogous

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



49649A



74598E



8E5077

# Triad

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



74598E



835D30



00726E

# Complementary

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



74598E



738E59

# 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.



247152



74598E



6B662C

# Square

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



74598E



945341



4D6D39



007188

# Rectangle

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



74598E



974D64



4D6D39



007264



# Sweetspot

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



74598E



AEA3B8



59738E



56505C



DBDBDB



5C5C5C



# Same Dimension

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



74598E



8F65B8



8E598E



444047



450087



040008



# Inverse Universe

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



8E5973



B8658E



598E59



474044



870042

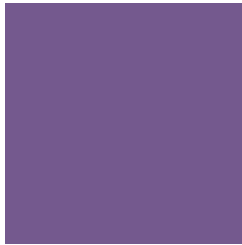


080004



# Previews

## White Background



This preview shows how the Hex color 74598E looks on a white background.

## Color Contrast Check

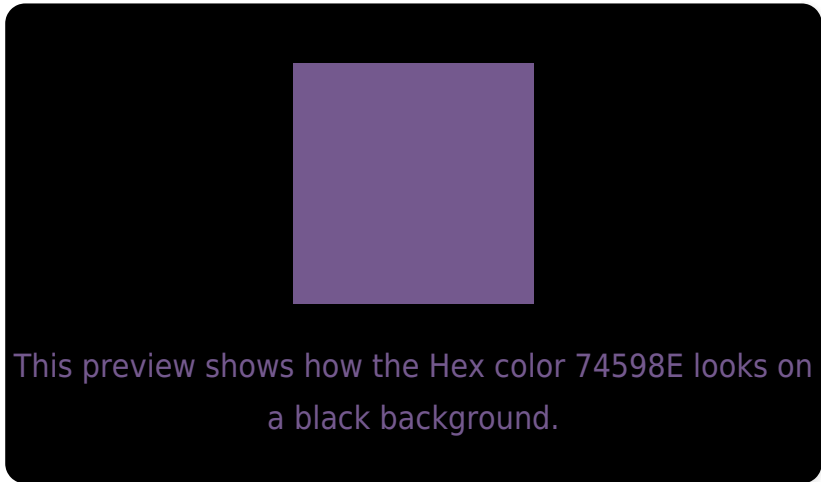
Large Text (above 18pt) WCAG AA ✓ Pass

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

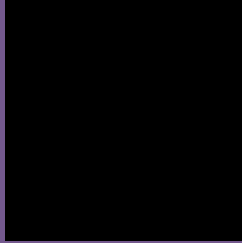
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 74598E Background



This preview shows how black text looks on a background with the Hex color 74598E.



This preview shows how white text looks on a background with the Hex color 74598E.

# 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](#).

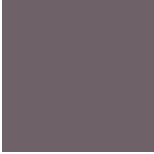
## Dichromacy



**Original Color**  
74598E

**Protanopia**  
536396

**Deuteranopia**  
57638C



**Tritanopia**  
6E6168

# Trichromacy



**Original Color**  
74598E

**Protanomaly**  
5F5F93

**Deuteranomaly**  
625F8D

**Tritanomaly**  
705E76

# Monochromacy



**Original Color**  
74598E

**Achromatopsia**  
676767

**Achromatomaly**  
6C6275

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74598E 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 #74598E looks like.

```
.text, #text, p{  
    color:#74598E  
}
```

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 #74598E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74598E
}
```

## Border

The CSS property to change the border of an element to Hex 74598E is called "border". The border property can be set on classes, ids or directly on the HTML element.

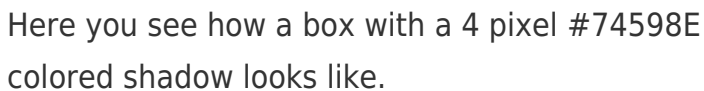
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#74598E }
```

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

```
.border{ border-color:#74598E }
```

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



Here you see how a box with a 4 pixel #74598E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74598E; -webkit-box-shadow:4px 4px  
4px 4px #74598E; box-shadow:4px 4px 4px  
4px #74598E }
```

# Background

The CSS property to change the background color of an element to Hex 74598E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74598E }
```

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

```
.background{ background-color:#74598E }
```

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