

# Converting Colors

Hex(755898)

Have a look what the booklet for  
Hex(755898) contains.

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# Color

**Hex(755898)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	755898
RGB	117, 88, 152
RGB Percent	46%, 35%, 60%
CMY	0.5412, 0.6549, 0.4039
CMYK	0.23, 0.42, 0.00, 0.40
HSL	267°, 27%, 47%
HSV	267°, 42%, 60%
XYZ	16.4933, 13.0284, 31.3512
YIQ	103.9670, -3.2600, 26.0520

# Conversions

## Conversions Part 2

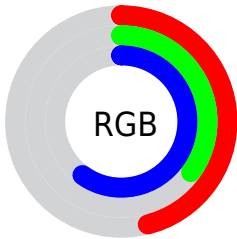
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 88, 152
Decimal	7690392
CIE <sub>Lab</sub>	42.81, 25.41, -30.68
CIE <sub>LCh</sub>	43, 39.836, 309.637
Yxy	13.0284, 0.2709, 0.2140
Android (android.graphics.Color)	4285880472 (0xFF755898)
YUV	103.9670, 23.6803, 11.4299
Hunter-Lab	36.0948, 18.3987, -26.2317

# Details

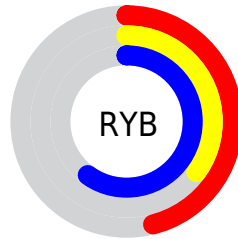
The Hex color **755898** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7B9858**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **AA8ACF**, and **432A65** is the 20% darker color. If you saturate the color by 10%, you get **6D4998**, and if you desaturate by 10%, it is **7D6798**.

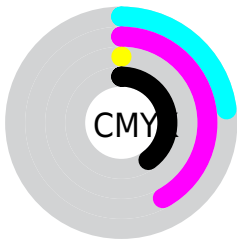
# Distribution



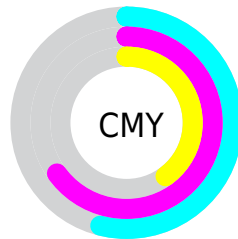
- Red (46%)
- Green (35%)
- Blue (60%)



- Red (46%)
- Yellow (35%)
- Blue (60%)



- Cyan (23%)
- Magenta (42%)
- Yellow (0%)
- Black (40%)



- Cyan (54%)
- Magenta (65%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 755898 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 755898 by changing the saturation by 10% instead.



755898

755898

FFFFFF

5B407E

AA8ACF

432A65

C6A5EB

2B144C

E2C0FF

160035

FFDCFF

00021F

FFF9FF

000003

000000

755898

755898

6D4998

7D6798

643A98

867698

5C2A98

8E8698

541B98

969598

4B0C98

9FA498

450098

A7B398

AFC298

B8D298

C0E198

# Harmonies

## Analogous

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



3C65A6



755898



954C7D

# Triad

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



755898



8A5B26



00756F

# Complementary

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



755898



7B9858

# 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.



0A744D



755898



6D6720

# Square

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



755898



9D4F3D



4A6F30



00748E

# Rectangle

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



755898



A04867



4A6F30



007564



# Sweetspot

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



755898



B6ABC4



587B98



5B5463



E3E3E3



636363



# Same Dimension

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



755898



8E60C4



955898



48454D



40008C



06000D



# Inverse Universe

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



98587B



C46097



5B9858



4D4549



8C004D

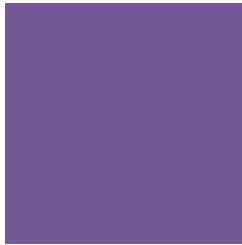


0D0007



# Previews

## White Background



This preview shows how the Hex color 755898 looks on a white background.

## Color Contrast Check

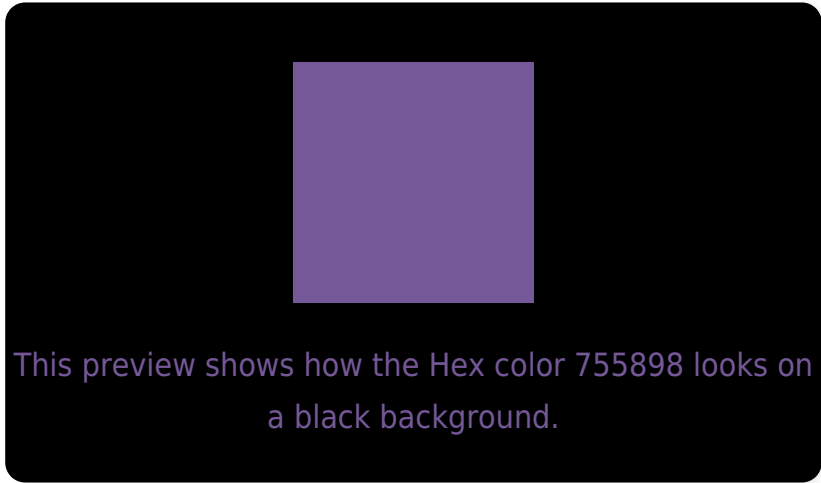
Large Text (above 18pt) WCAG AA ✓ Pass

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

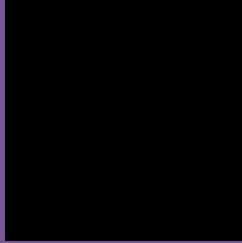
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 755898 Background



This preview shows how black text looks on a background with the Hex color 755898.

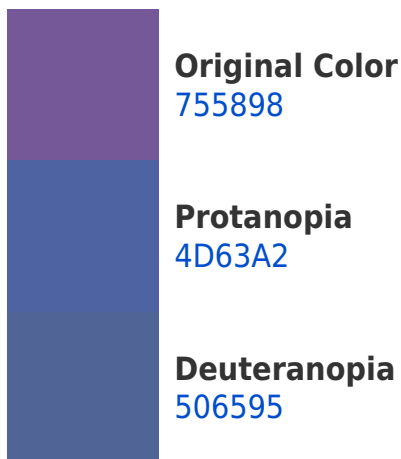


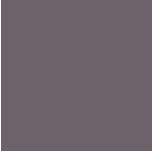
This preview shows how white text looks on a background with the Hex color 755898.

# 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](#).

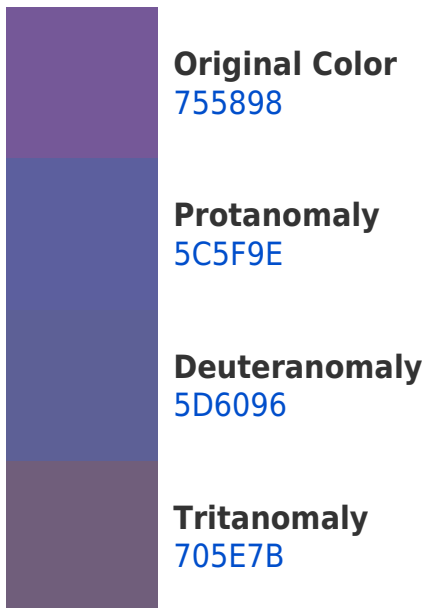
## Dichromacy



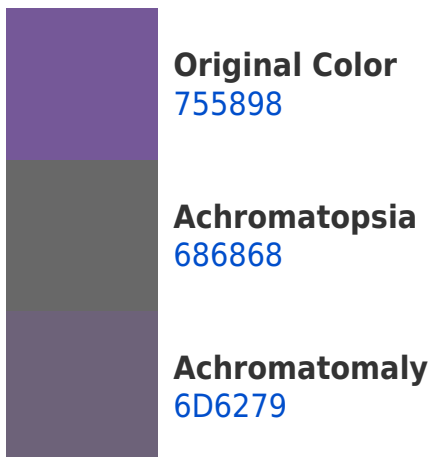


**Tritanopia**  
6D626A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 755898 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 #755898 looks like.

```
.text, #text, p{  
    color:#755898  
}
```

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 #755898 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755898
}
```

## Border

The CSS property to change the border of an element to Hex 755898 is called "border". The border property can be set on classes, ids or directly on the HTML element.

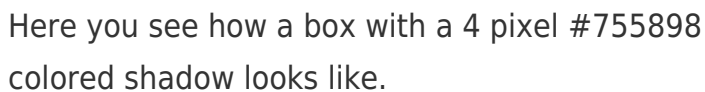
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#755898 }
```

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

```
.border{ border-color:#755898 }
```

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



Here you see how a box with a 4 pixel #755898 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755898; -webkit-box-shadow:4px 4px  
4px 4px #755898; box-shadow:4px 4px 4px  
4px #755898 }
```

# Background

The CSS property to change the background color of an element to Hex 755898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755898 }
```

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

```
.background{ background-color:#755898 }
```

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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