

# Converting Colors

Hex(745897)

Have a look what the booklet for  
Hex(745897) contains.

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# Color

**Hex(745897)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	745897
RGB	116, 88, 151
RGB Percent	45%, 35%, 59%
CMY	0.5451, 0.6549, 0.4078
CMYK	0.23, 0.42, 0.00, 0.41
HSL	267°, 26%, 47%
HSV	267°, 42%, 59%
XYZ	16.2781, 12.9268, 30.9153
YIQ	103.5540, -3.5350, 25.5290

# Conversions

## Conversions Part 2

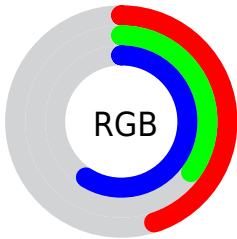
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 88, 151
Decimal	7624855
CIE <sub>Lab</sub>	42.65, 24.85, -30.33
CIE <sub>LCh</sub>	43, 39.210, 309.336
Yxy	12.9268, 0.2708, 0.2150
Android (android.graphics.Color)	4285814935 (0xFF745897)
YUV	103.5540, 23.3909, 10.9151
Hunter-Lab	35.9539, 17.8965, -25.8134

# Details

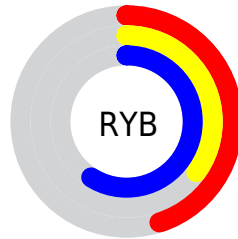
The Hex color **745897** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7B9758**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **A98ACE**, and **422A64** is the 20% darker color. If you saturate the color by 10%, you get **6C4997**, and if you desaturate by 10%, it is **7C6797**.

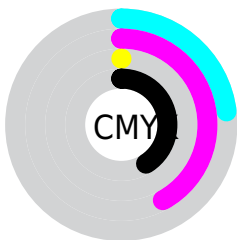
# Distribution



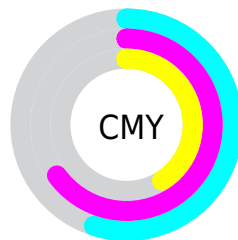
- Red (45%)
- Green (35%)
- Blue (59%)



- Red (45%)
- Yellow (35%)
- Blue (59%)



- Cyan (23%)
- Magenta (42%)
- Yellow (0%)
- Black (41%)



- Cyan (55%)
- Magenta (65%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 745897 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 745897 by changing the saturation by 10% instead.



745897

745897

FFFFFF

5B407D

A98ACE

422A64

C5A5EA

2A144B

E1C0FF

150035

FEDCFF

00021E

FFF9FF

000001

000000

745897

745897

6C4997

7C6797

633A97

857697

5B2B97

8D8597

521C97

969497

4A0C97

9EA497

430097

A6B397

AFC297

B7D197

C0E097

# Harmonies

## Analogous

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



3C65A5



745897



944C7C

# Triad

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



745897



895B27



00756E

# Complementary

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



745897



7B9758

# 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.



0F734D



745897



6D6621

# Square

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



745897



9C4F3D



4A6E30



00738D

# Rectangle

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



745897



9E4867



4A6E30



007563



# Sweetspot

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



745897



B6ABC4



587C97



5B5463



E3E3E3



636363



# Same Dimension

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



745897



8E62C4



935897



48454D



3E008C



06000D



# Inverse Universe

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



97587B



C46299



5C9758



4D4549



8C004E

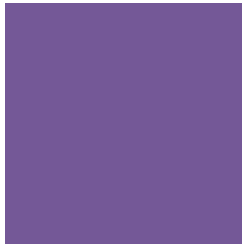


0D0007



# Previews

## White Background



This preview shows how the Hex color 745897 looks on a white background.

## Color Contrast Check

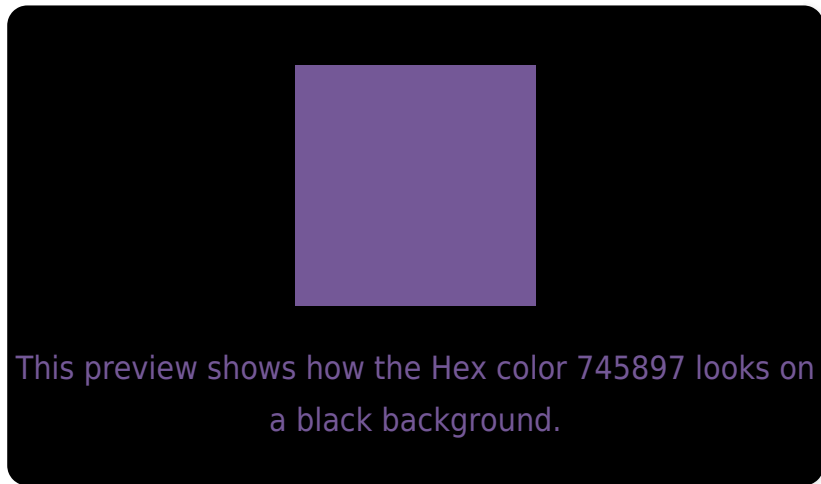
Large Text (above 18pt) WCAG AA ✓ Pass

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

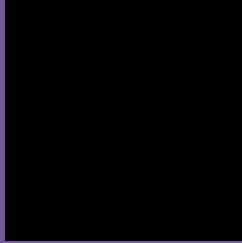
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 745897 Background



This preview shows how black text looks on a background with the Hex color 745897.

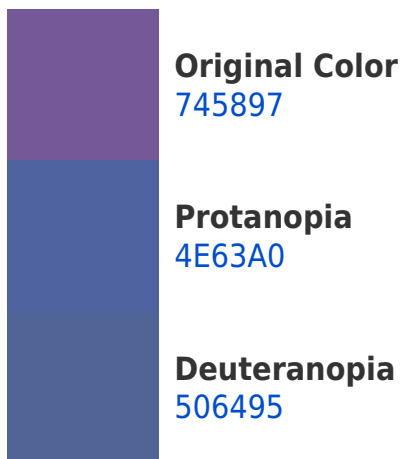


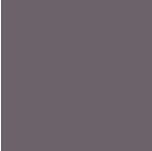
This preview shows how white text looks on a background with the Hex color 745897.

# 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**  
6C626A

# Trichromacy



**Original Color**  
745897

**Protanomaly**  
5C5F9D

**Deuteranomaly**  
5D6096

**Tritanomaly**  
6F5E7A

# Monochromacy



**Original Color**  
745897

**Achromatopsia**  
686868

**Achromatomaly**  
6C6279

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 745897 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 #745897 looks like.

```
.text, #text, p{  
    color:#745897  
}
```

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 #745897 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #745897
}
```

## Border

The CSS property to change the border of an element to Hex 745897 is called "border". The border property can be set on classes, ids or directly on the HTML element.

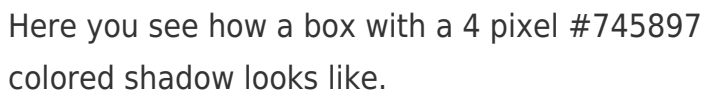
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#745897 }
```

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

```
.border{ border-color:#745897 }
```

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



Here you see how a box with a 4 pixel #745897 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #745897; -webkit-box-shadow:4px 4px  
4px 4px #745897; box-shadow:4px 4px 4px  
4px #745897 }
```

# Background

The CSS property to change the background color of an element to Hex 745897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#745897 }
```

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

```
.background{ background-color:#745897 }
```

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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