

# Converting Colors

Hex(755485)

Have a look what the booklet for  
Hex(755485) contains.

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# Color

**Hex(755485)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	755485
RGB	117, 84, 133
RGB Percent	46%, 33%, 52%
CMY	0.5412, 0.6706, 0.4784
CMYK	0.12, 0.37, 0.00, 0.48
HSL	280°, 23%, 43%
HSV	280°, 37%, 52%
XYZ	14.7401, 11.8160, 23.6941
YIQ	99.4530, 3.9390, 22.2350

# Conversions

## Conversions Part 2

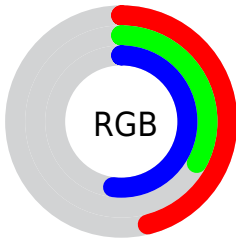
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 84, 133
Decimal	7689349
CIE <sub>Lab</sub>	40.92, 23.28, -22.16
CIE <sub>LCh</sub>	41, 32.136, 316.414
Yxy	11.8160, 0.2933, 0.2351
Android (android.graphics.Color)	4285879429 (0xFF755485)
YUV	99.4530, 16.5387, 15.3887
Hunter-Lab	34.3744, 16.3873, -16.8062

# Details

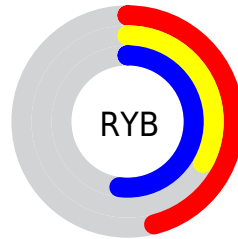
The Hex color **755485** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **648554**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **AA86BA**, and **442653** is the 20% darker color. If you saturate the color by 10%, you get **714785**, and if you desaturate by 10%, it is **796185**.

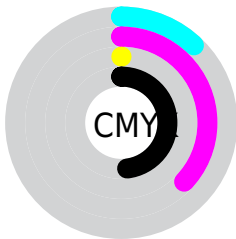
# Distribution



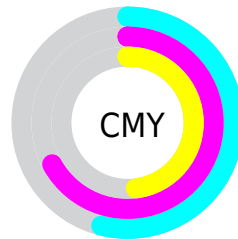
- Red (46%)
- Green (33%)
- Blue (52%)



- Red (46%)
- Yellow (33%)
- Blue (52%)



- Cyan (12%)
- Magenta (37%)
- Yellow (0%)
- Black (48%)



- Cyan (54%)
- Magenta (67%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 755485 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 755485 by changing the saturation by 10% instead.



 755485

 755485

FFFFFF

 5C3C6C

 AA86BA

 442653

 C5A0D6

 2C103C

 E2BCF3

 1B0026

 FED7FF

 00010F

 FFF4FF

 000000

 755485

 755485

 714785

 796185

 6C3985

 7E6F85

682C85

827C85

641F85

868985

5F1285

8B9785

5B0485

8FA485

5A0085

93B185

98BE85

9CCC85

# Harmonies

## Analogous

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



4F5E93



755485



8B4C6E

# Triad

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



755485



7B5B2D



006E6E

# Complementary

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



755485



648554

# 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.



196D53



755485



62642C

# Square

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



755485



8C513B



446A3B



006C86

# Rectangle

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



755485



924A5C



446A3B



006E65



# Sweetspot

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



755485



A79AAD



546485



534B57



D6D6D6



575757



# Same Dimension

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



755485



9461AD



85547D



403C42



580082



020003



# Inverse Universe

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



855464



AD617A



54855C



423C3E



82002A

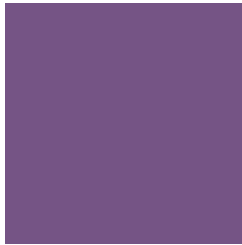


030001



# Previews

## White Background



This preview shows how the Hex color 755485 looks on a white background.

## Color Contrast Check

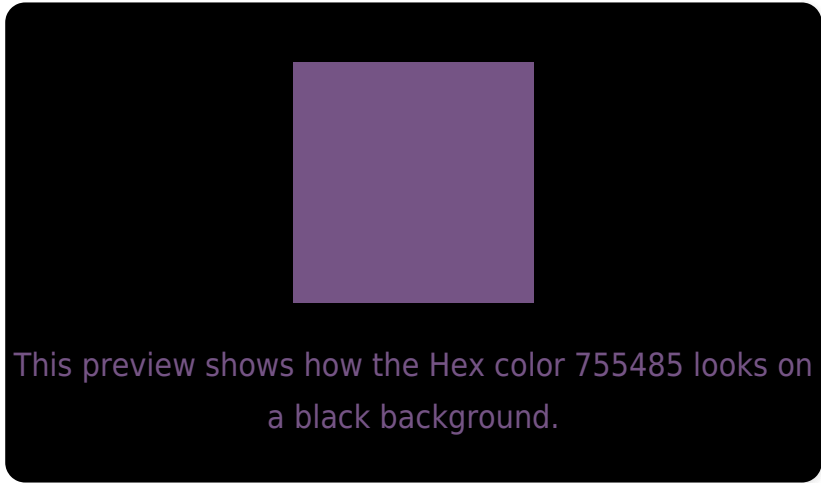
Large Text (above 18pt) WCAG AA ✓ Pass

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

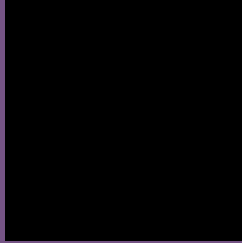
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 755485 Background



This preview shows how black text looks on a background with the Hex color 755485.



This preview shows how white text looks on a background with the Hex color 755485.

# 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**  
755485

**Protanopia**  
515F8E

**Deuteranopia**  
575F83



**Tritanopia**  
705B62

# Trichromacy



**Original Color**  
755485

**Protanomaly**  
5E5B8B

**Deuteranomaly**  
625B84

**Tritanomaly**  
72586F

# Monochromacy



**Original Color**  
755485

**Achromatopsia**  
636363

**Achromatomaly**  
6A5E6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 755485 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 #755485 looks like.

```
.text, #text, p{  
    color:#755485  
}
```

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 #755485 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755485
}
```

## Border

The CSS property to change the border of an element to Hex 755485 is called "border". The border property can be set on classes, ids or directly on the HTML element.

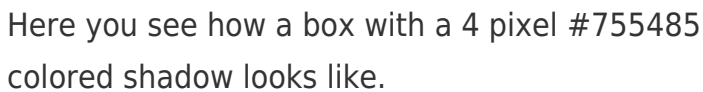
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#755485 }
```

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

```
.border{ border-color:#755485 }
```

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



Here you see how a box with a 4 pixel #755485 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755485; -webkit-box-shadow:4px 4px  
4px 4px #755485; box-shadow:4px 4px 4px  
4px #755485 }
```

# Background

The CSS property to change the background color of an element to Hex 755485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755485 }
```

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

```
.background{ background-color:#755485 }
```

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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