

# Converting Colors

Hex(755787)

Have a look what the booklet for  
Hex(755787) contains.

<b>Hex(755787)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(755787)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	755787
RGB	117, 87, 135
RGB Percent	46%, 34%, 53%
CMY	0.5412, 0.6588, 0.4706
CMYK	0.13, 0.36, 0.00, 0.47
HSL	278°, 22%, 44%
HSV	278°, 36%, 53%
XYZ	15.1175, 12.3476, 24.5082
YIQ	101.4420, 2.4720, 21.2880

# Conversions

## Conversions Part 2

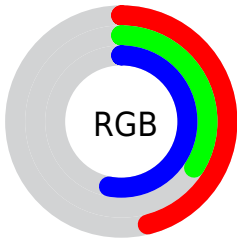
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 87, 135
Decimal	7690119
CIE <sub>Lab</sub>	41.76, 21.93, -22.07
CIE <sub>LCh</sub>	42, 31.108, 314.814
Yxy	12.3476, 0.2909, 0.2376
Android (android.graphics.Color)	4285880199 (0xFF755787)
YUV	101.4420, 16.5441, 13.6444
Hunter-Lab	35.1391, 15.3005, -16.7552

# Details

The Hex color **755787** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **698757**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **AA89BC**, and **442955** is the 20% darker color. If you saturate the color by 10%, you get **704A87**, and if you desaturate by 10%, it is **7A6587**.

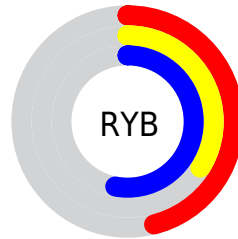
# Distribution



Red (46%)

Green (34%)

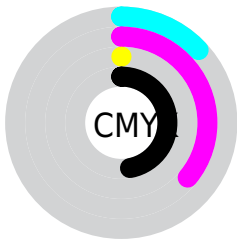
Blue (53%)



Red (46%)

Yellow (34%)

Blue (53%)

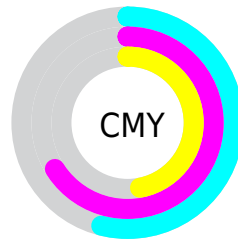


Cyan (13%)

Magenta (36%)

Yellow (0%)

Black (47%)



Cyan (54%)

Magenta (66%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 755787 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 755787 by changing the saturation by 10% instead.



■ 755787

■ 755787

FFFFFF

■ 5C3F6E

■ AA89BC

■ 442955

■ C5A4D8

■ 2C133E

■ E1BFF5

■ 1A0028

■ FEDBFF

■ 000111

■ FFF7FF

■ 000000

■ 755787

■ 755787

■ 704A87

■ 7A6587

■ 6B3C87

■ 7F7287

662F87

848087

612187

898D87

5C1387

8E9B87

570687

93A887

540087

98B687

9EC387

A3D187

# Harmonies

## Analogous

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



506194



755787



8C4F71

# Triad

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



755787



7D5D31



00706F

# Complementary

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



755787



698757

# 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.



236F54



755787



666530

# Square

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



755787



8E5340



496B3D



006E86

# Rectangle

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



755787



924D5F



496B3D



007066



# Sweetspot

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



755787



A99DB0



576987



554E59



D9D9D9



595959



# Same Dimension

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



755787



9464B0



875781



403C42



510082



020003



# Inverse Universe

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



875769



B06481



57875D



423C3E



820031

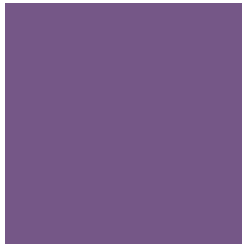


030001



# Previews

## White Background



This preview shows how the Hex color 755787 looks on a white background.

## Color Contrast Check

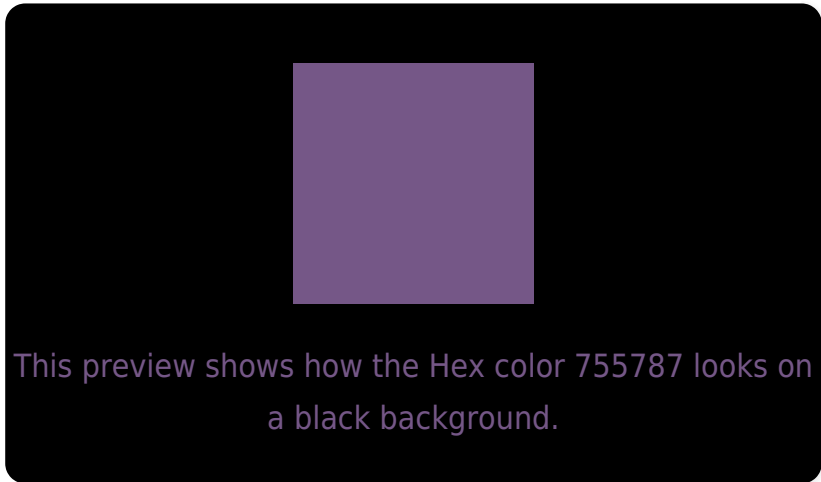
Large Text (above 18pt) WCAG AA ✓ Pass

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

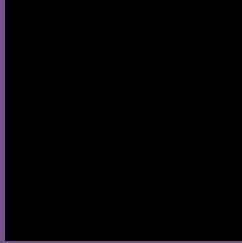
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 755787 Background



This preview shows how black text looks on a background with the Hex color 755787.




This preview shows how white text looks on a background with the Hex color 755787.

# 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**  
705E65

# Trichromacy



**Original Color**  
755787

**Protanomaly**  
605D8C

**Deuteranomaly**  
635D86

**Tritanomaly**  
725B71

# Monochromacy



**Original Color**  
755787

**Achromatopsia**  
656565

**Achromatomaly**  
6B6071

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 755787 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 #755787 looks like.

```
.text, #text, p{  
    color:#755787  
}
```

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 #755787 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755787
}
```

## Border

The CSS property to change the border of an element to Hex 755787 is called "border". The border property can be set on classes, ids or directly on the HTML element.

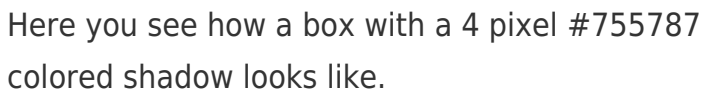
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#755787 }
```

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

```
.border{ border-color:#755787 }
```

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



Here you see how a box with a 4 pixel #755787 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755787; -webkit-box-shadow:4px 4px  
4px 4px #755787; box-shadow:4px 4px 4px  
4px #755787 }
```

# Background

The CSS property to change the background color of an element to Hex 755787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755787 }
```

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

```
.background{ background-color:#755787 }
```

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