

# Converting Colors

Hex(756589)

Have a look what the booklet for  
Hex(756589) contains.

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# Color

**Hex(756589)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	756589
RGB	117, 101, 137
RGB Percent	46%, 40%, 54%
CMY	0.5412, 0.6039, 0.4627
CMYK	0.15, 0.26, 0.00, 0.46
HSL	267°, 15%, 47%
HSV	267°, 26%, 54%
XYZ	16.5052, 14.8954, 25.6721
YIQ	109.8880, -2.0200, 14.5880

# Conversions

## Conversions Part 2

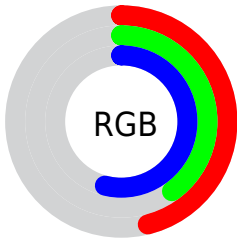
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	<b>117, 101, 137</b>
Decimal	7693705
CIE <sub>Lab</sub>	45.49, 13.91, -17.54
CIE <sub>LCh</sub>	45, 22.382, 308.413
Yxy	14.8954, 0.2892, 0.2610
Android (android.graphics.Color)	4285883785 (0xFF756589)
YUV	109.8880, 13.3662, 6.2372
Hunter-Lab	38.5946, 8.7959, -12.4219

# Details

The Hex color **756589** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **798965**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **A998BE**, and **443657** is the 20% darker color. If you saturate the color by 10%, you get **6D5789**, and if you desaturate by 10%, it is **7D7389**.

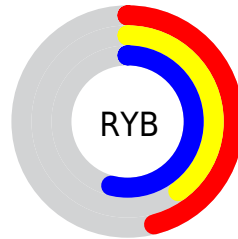
# Distribution



Red (46%)

Green (40%)

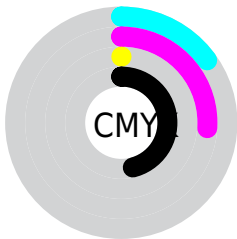
Blue (54%)



Red (46%)

Yellow (40%)

Blue (54%)

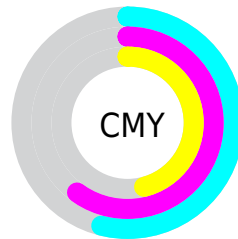


Cyan (15%)

Magenta (26%)

Yellow (0%)

Black (46%)



Cyan (54%)

Magenta (60%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 756589 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 756589 by changing the saturation by 10% instead.



 756589

 756589

FFFFFF

 5C4D70

 A998BE

 443657

 C5B3DA

 2D2140

 E1CEF7

 180B2A

 FEEBFF

 000114

 000000

 756589

 756589

 6D5789

 7D7389

 664A89

 848089

■ 5E3C89

■ 8C8E89

■ 572E89

■ 939C89

■ 4F2189

■ 9BA989

■ 471389

■ A3B789

■ 400589

■ AAC589

■ 3D0089

■ B2D389

■ BAE089

# Harmonies

## Analogous

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



5B6C90



756589



88607A

# Triad

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



756589



846649



357670

# Complementary

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



756589



798965

# 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.



49755D



756589



736C46

# Square

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



756589



8F6055



5F714E



2E7582

# Rectangle

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



756589



8F5E6D



5F714E



3B766A



# Sweetspot

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



756589



ABA4B3



657989



545059



D9D9D9



595959



# Same Dimension

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



756589



9379B3



876589



413E45



3B0085



020005



# Inverse Universe

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



896579



B37999



678965



453E42



85004A

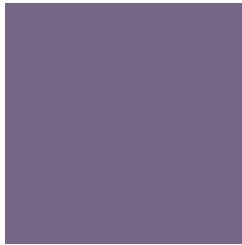


050003



# Previews

## White Background



This preview shows how the Hex color 756589 looks on a white background.

## Color Contrast Check

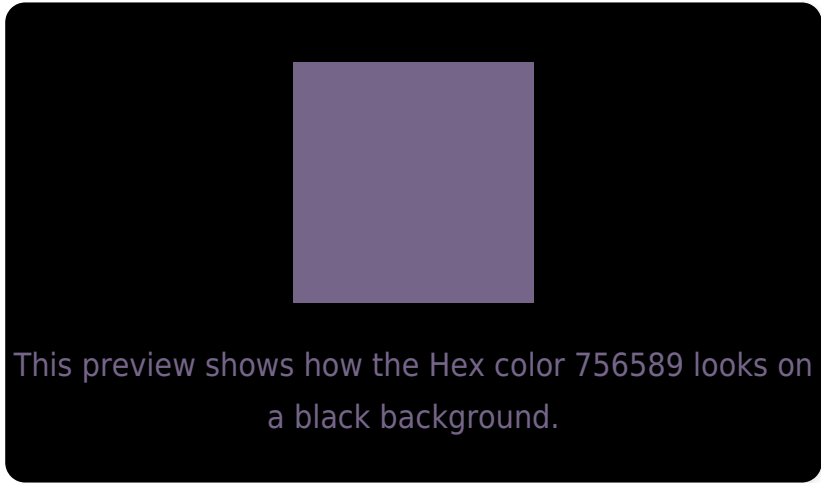
Large Text (above 18pt) WCAG AA ✓ Pass

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

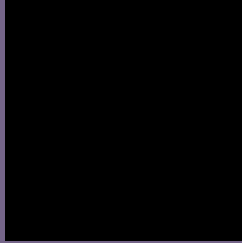
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 756589 Background



This preview shows how black text looks on a background with the Hex color 756589.

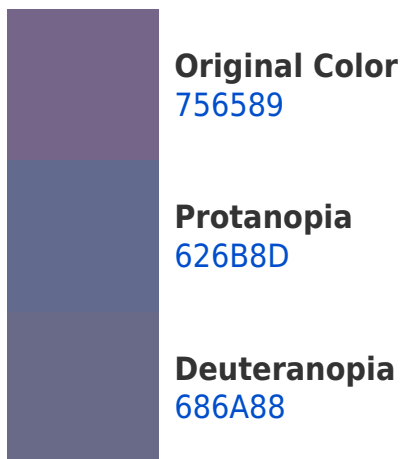


This preview shows how white text looks on a background with the Hex color 756589.

# 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**  
716972

# Trichromacy



**Original Color**  
756589

**Protanomaly**  
69698C

**Deuteranomaly**  
6D6888

**Tritanomaly**  
72687A

# Monochromacy



**Original Color**  
756589

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
716B78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 756589 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 #756589 looks like.

```
.text, #text, p{  
    color:#756589  
}
```

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 #756589 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #756589
}
```

## Border

The CSS property to change the border of an element to Hex 756589 is called "border". The border property can be set on classes, ids or directly on the HTML element.

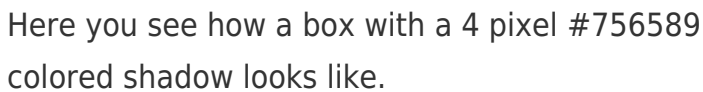
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#756589 }
```

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

```
.border{ border-color:#756589 }
```

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



Here you see how a box with a 4 pixel #756589 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #756589; -webkit-box-shadow:4px 4px  
4px 4px #756589; box-shadow:4px 4px 4px  
4px #756589 }
```

# Background

The CSS property to change the background color of an element to Hex 756589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#756589 }
```

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

```
.background{ background-color:#756589 }
```

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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