

Converting Colors

Hex(756799)

Have a look what the booklet for
Hex(756799) contains.

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Color

Hex(756799)

Conversions

Conversions Part 1

Format	Color
Hex	756799
RGB	117, 103, 153
RGB Percent	46%, 40%, 60%
CMY	0.5412, 0.5961, 0.4000
CMYK	0.24, 0.33, 0.00, 0.40
HSL	257°, 20%, 50%
HSV	257°, 33%, 60%
XYZ	17.9361, 15.7823, 32.2379
YIQ	112.8860, -7.7060, 18.5180

Conversions

Conversions Part 2

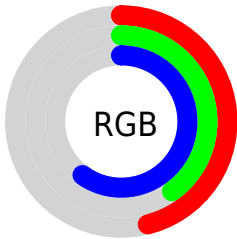
Format	Color
R_{YB}	117, 103, 153
Decimal	7694233
CIE Lab	46.69, 16.59, -25.22
CIE LCh	47, 30.184, 303.334
Yxy	15.7823, 0.2719, 0.2393
Android (android.graphics.Color)	4285884313 (0xFF756799)
YUV	112.8860, 19.7762, 3.6080
Hunter-Lab	39.7270, 11.0679, -20.3042

Details

The Hex color **756799** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8B9967**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **AA9AD0**, and **433866** is the 20% darker color. If you saturate the color by 10%, you get **6A5899**, and if you desaturate by 10%, it is **807699**.

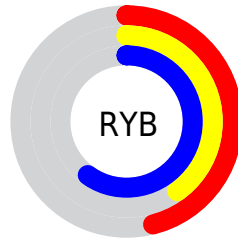
Distribution



Red (46%)

Green (40%)

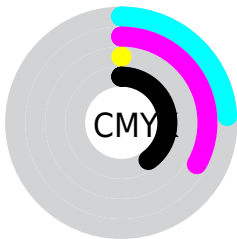
Blue (60%)



Red (46%)

Yellow (40%)

Blue (60%)

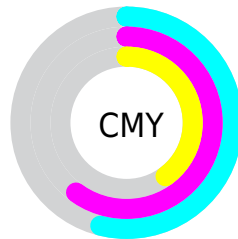


Cyan (24%)

Magenta (33%)

Yellow (0%)

Black (40%)



Cyan (54%)

Magenta (60%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 756799 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 756799 by changing the saturation by 10% instead.

756799

756799

FFFFFF

5C4F7F

AA9AD0

433866

C5B5EC

2C224D

E2D1FF

150E36

FFEDFF

000021

000006

000000

756799

756799

6A5899

807699

■ 5F4899

■ 8B8699

■ 543999

■ 969599

■ 492A99

■ A1A499

■ 3E1B99

■ ACB499

■ 330B99

■ B7C399

■ 2B0099

■ C2D299

■ CDE199

■ D8F199

Harmonies

Analogous

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



4D70A1



756799



915E86

Triad

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



756799



916542



177C71

Complementary

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



756799



8B9967

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.



427A57



756799



7C6E3B

Square

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



756799



9E5D54



617543



007B8A

Rectangle

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



756799



9B5B75



617543



287C68

Sweetspot

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



756799



B9B3C7



678C99



5B5863



E3E3E3



636363

Same Dimension

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



756799



8F79C7



8D6799



47454D



27008C



04000D

Inverse Universe

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



99678B



C779B1



739967



4D454A



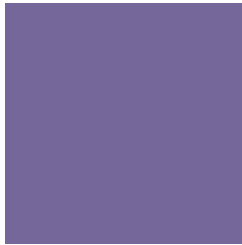
8C0065



0D0009

Previews

White Background



This preview shows how the Hex color 756799 looks on a white background.

Color Contrast Check

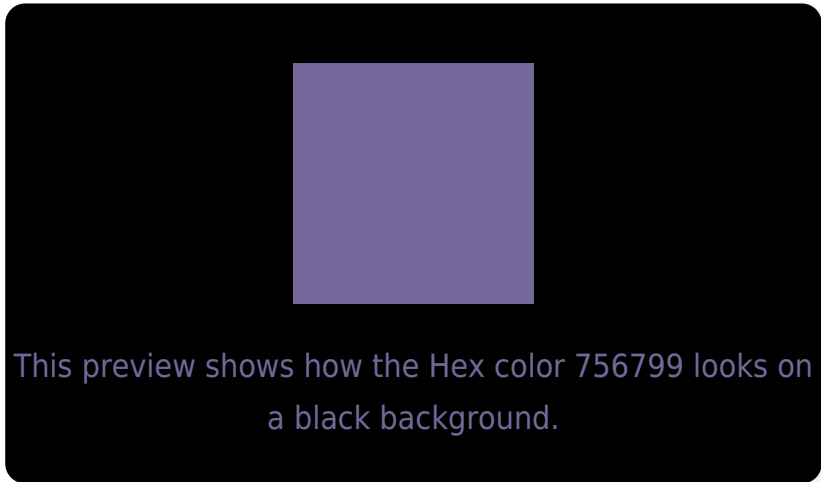
Large Text (above 18pt) WCAG AA ✓ Pass

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

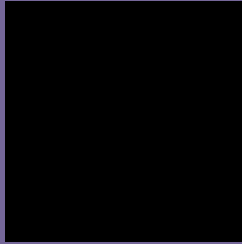
Any Text WCAG AA × Fail

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 756799 Background



This preview shows how black text looks on a background with the Hex color 756799.

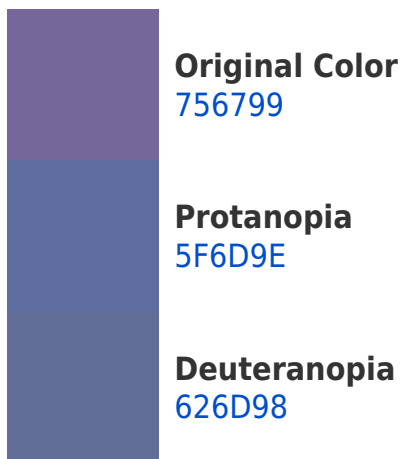


This preview shows how white text looks on a background with the Hex color 756799.

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
6F6E77

Trichromacy



Original Color

756799

Protanomaly

676B9C

Deuteranomaly

696B98

Tritanomaly

716B83

Monochromacy



Original Color

756799

Achromatopsia

717171

Achromatomaly

726D80

CSS Examples

Text

The CSS property to change the color of the text to Hex 756799 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 #756799 looks like.

```
.text, #text, p{  
    color:#756799  
}
```

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 #756799 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #756799
}
```

Border

The CSS property to change the border of an element to Hex 756799 is called "border". The border property can be set on classes, ids or directly on the HTML element.

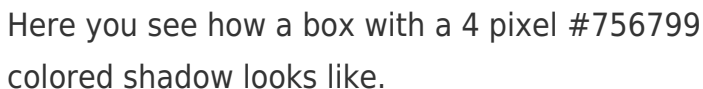
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#756799 }
```

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

```
.border{ border-color:#756799 }
```

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



Here you see how a box with a 4 pixel #756799 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #756799; -webkit-box-shadow:4px 4px  
4px 4px #756799; box-shadow:4px 4px 4px  
4px #756799 }
```

Background

The CSS property to change the background color of an element to Hex 756799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#756799 }
```

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

```
.background{ background-color:#756799 }
```

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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