

Converting Colors

Hex(756C98)

Have a look what the booklet for
Hex(756C98) contains.

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Color

Hex(756C98)

Conversions

Conversions Part 1

Format	Color
Hex	756C98
RGB	117, 108, 152
RGB Percent	46%, 42%, 60%
CMY	0.5412, 0.5765, 0.4039
CMYK	0.23, 0.29, 0.00, 0.40
HSL	252°, 18%, 51%
HSV	252°, 29%, 60%
XYZ	18.3662, 16.7740, 31.9755
YIQ	115.7070, -8.7600, 15.5920

Conversions

Conversions Part 2

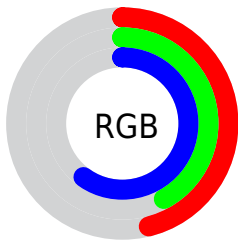
Format	Color
R_YB	117, 108, 152
Decimal	7695512
CIE _{Lab}	47.97, 13.32, -22.64
CIE _{LCh}	48, 26.264, 300.464
Yxy	16.7740, 0.2736, 0.2499
Android (android.graphics.Color)	4285885592 (0xFF756C98)
YUV	115.7070, 17.8924, 1.1340
Hunter-Lab	40.9561, 8.3726, -17.6199

Details

The Hex color **756C98** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8F986C**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **AA9FCE**, and **443D65** is the 20% darker color. If you saturate the color by 10%, you get **695D98**, and if you desaturate by 10%, it is **817B98**.

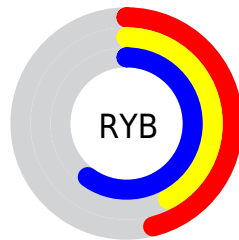
Distribution



Red (46%)

Green (42%)

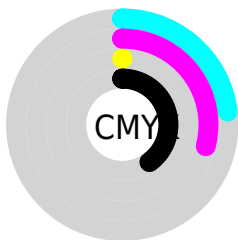
Blue (60%)



Red (46%)

Yellow (42%)

Blue (60%)

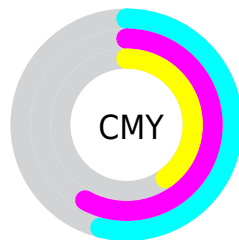


Cyan (23%)

Magenta (29%)

Yellow (0%)

Black (40%)



Cyan (54%)

Magenta (58%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 756C98 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 756C98 by changing the saturation by 10% instead.

■ 756C98

■ 756C98

FFFFFF

■ 5C547E

■ AA9FCE

■ 443D65

■ C5BAEB

■ 2C274D

■ E1D6FF

■ 161336

■ FEF3FF

■ 000020

■ 000005

■ 000000

■ 756C98

■ 756C98

■ 695D98

■ 817B98

5D4E98

8D8A98

513E98

999A98

452F98

A5A998

392098

B1B898

2C1198

BEC798

200298

CAD698

1F0098

D6E698

E2F598

Harmonies

Analogous

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



53749E



756C98



8E6588

Triad

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



756C98



93694C



337E71

Complementary

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



756C98



8F986C

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.



4F7C5B



756C98



807145

Square

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



756C98



9D635D



69774B



1F7D88

Rectangle

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



756C98



98627A



69774B



3C7D6A

Sweetspot

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



756C98



B6B3C4



6C8F98



5B5963



E3E3E3



636363

Same Dimension

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



756C98



8E80C4



8B6C98



46454D



1D008C



03000D

Inverse Universe

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



986C8F



C480B6



79986C



4D454B



8C0070



0D000A

Previews

White Background



This preview shows how the Hex color 756C98 looks on a white background.

Color Contrast Check

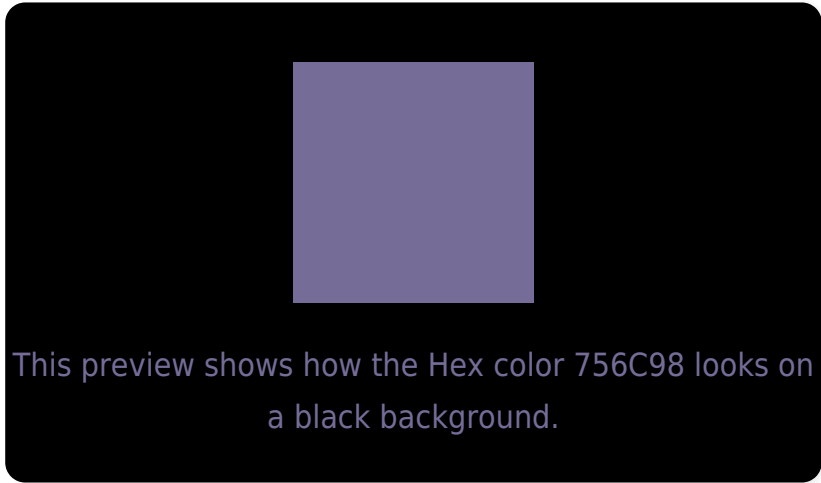
Large Text (above 18pt) WCAG AA ✓ Pass

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

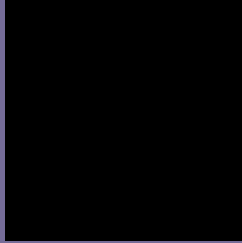
Any Text WCAG AA × Fail

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 756C98 Background



This preview shows how black text looks on a background with the Hex color 756C98.

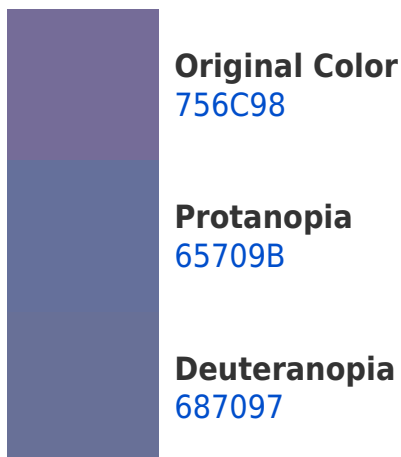


This preview shows how white text looks on a background with the Hex color 756C98.

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
70727B

Trichromacy



Original Color
756C98

Protanomaly
6B6F9A

Deuteranomaly
6D6F97

Tritanomaly
727086

Monochromacy



Original Color
756C98

Achromatopsia
747474

Achromatomaly
747181

CSS Examples

Text

The CSS property to change the color of the text to Hex 756C98 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 #756C98 looks like.

```
.text, #text, p{  
    color:#756C98  
}
```

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 #756C98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #756C98
}
```

Border

The CSS property to change the border of an element to Hex 756C98 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
#756C98 }
```

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

```
.border{ border-color:#756C98 }
```

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

Here you see how a box with a 4 pixel #756C98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #756C98; -webkit-box-shadow:4px 4px  
4px 4px #756C98; box-shadow:4px 4px 4px  
4px #756C98 }
```

Background

The CSS property to change the background color of an element to Hex 756C98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#756C98 }
```

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

```
.background{ background-color:#756C98 }
```

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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