

Converting Colors

Hex(756D8A)

Have a look what the booklet for
Hex(756D8A) contains.

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Color

Hex(756D8A)

Conversions

Conversions Part 1

Format	Color
Hex	756D8A
RGB	117, 109, 138
RGB Percent	46%, 43%, 54%
CMY	0.5412, 0.5725, 0.4588
CMYK	0.15, 0.21, 0.00, 0.46
HSL	257°, 12%, 48%
HSV	257°, 21%, 54%
XYZ	17.3922, 16.5542, 26.3234
YIQ	114.6980, -4.5410, 10.7150

Conversions

Conversions Part 2

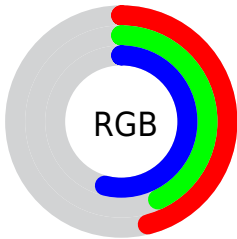
Format	Color
R_{YB}	117, 109, 138
Decimal	7695754
CIE _{Lab}	47.69, 9.32, -14.78
CIE _{LCh}	48, 17.471, 302.250
Yxy	16.5542, 0.2886, 0.2747
Android (android.graphics.Color)	4285885834 (0xFF756D8A)
YUV	114.6980, 11.4879, 2.0189
Hunter-Lab	40.6868, 5.1007, -9.8784

Details

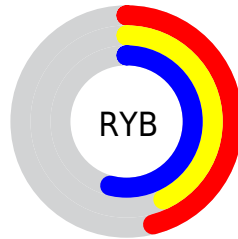
The Hex color **756D8A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **828A6D**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **A9A0BF**, and **443E58** is the 20% darker color. If you saturate the color by 10%, you get **6B5F8A**, and if you desaturate by 10%, it is **7F7B8A**.

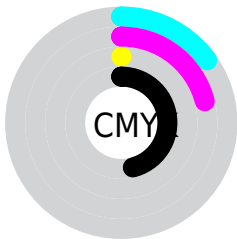
Distribution



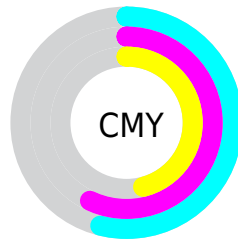
- Red (46%)
- Green (43%)
- Blue (54%)



- Red (46%)
- Yellow (43%)
- Blue (54%)



- Cyan (15%)
- Magenta (21%)
- Yellow (0%)
- Black (46%)



- Cyan (54%)
- Magenta (57%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 756D8A 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 756D8A by changing the saturation by 10% instead.

■ 756D8A

■ 756D8A

FFFFFF

■ 5C5571

■ A9A0BF

■ 443E58

■ C5BBDB

■ 2E2841

■ E1D7F8

■ 18132A

■ FDF4FF

■ 000116

■ 000000

■ 756D8A

■ 756D8A

■ 6B5F8A

■ 7F7B8A

■ 61518A

■ 89898A

■ 57448A

■ 93968A

■ 4D368A

■ 9DA48A

■ 43288A

■ A7B28A

■ 391A8A

■ B1C08A

■ 2F0C8A

■ BBCE8A

■ 26008A

■ C5DB8A

■ CFE98A

Harmonies

Analogous

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



61728E



756D8A



85697F

Triad

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



756D8A



886C58



4C7A72

Complementary

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



756D8A



828A6D

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.



5A7863



756D8A



7B7154

Square

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



756D8A



8F6862



6B7558



477980

Rectangle

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



756D8A



8C6776



6B7558



50796D

Sweetspot

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



756D8A



ABA8B3



6D828A



555359



D9D9D9



595959

Same Dimension

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



756D8A



9286B3



836D8A



403E45



250085



010005

Inverse Universe

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



8A6D82



B386A6



748A6D



453E43



850060



050004

Previews

White Background



This preview shows how the Hex color 756D8A looks on a white background.

Color Contrast Check

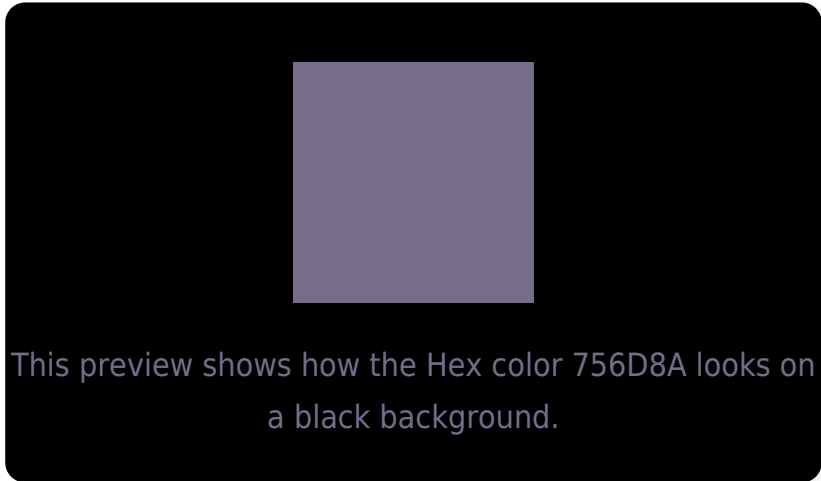
Large Text (above 18pt) WCAG AA ✓ Pass

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

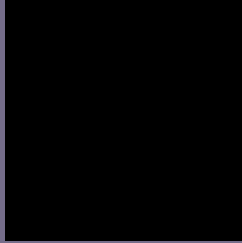
Any Text WCAG AA × Fail

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 756D8A Background



This preview shows how black text looks on a background with the Hex color 756D8A.



This preview shows how white text looks on a background with the Hex color 756D8A.

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

756D8A

Protanopia

6B708C

Deuteranopia

706F8A



Tritanopia
727079

Trichromacy



Original Color

756D8A

Protanomaly

6F6F8B

Deuteranomaly

726E8A

Tritanomaly

736F7F

Monochromacy



Original Color

756D8A

Achromatopsia

737373

Achromatomaly

74717B

CSS Examples

Text

The CSS property to change the color of the text to Hex 756D8A 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 #756D8A looks like.

```
.text, #text, p{  
    color:#756D8A  
}
```

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 #756D8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #756D8A
}
```

Border

The CSS property to change the border of an element to Hex 756D8A 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
#756D8A }
```

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

```
.border{ border-color:#756D8A }
```

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

Here you see how a box with a 4 pixel #756D8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #756D8A; -webkit-box-shadow:4px 4px  
4px 4px #756D8A; box-shadow:4px 4px 4px  
4px #756D8A }
```

Background

The CSS property to change the background color of an element to Hex 756D8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#756D8A }
```

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

```
.background{ background-color:#756D8A }
```

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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