

Converting Colors

Hex(7C6798)

Have a look what the booklet for
Hex(7C6798) contains.

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Color

Hex(7C6798)

Conversions

Conversions Part 1

Format	Color
Hex	7C6798
RGB	124, 103, 152
RGB Percent	49%, 40%, 60%
CMY	0.5137, 0.5961, 0.4039
CMYK	0.18, 0.32, 0.00, 0.40
HSL	266°, 19%, 50%
HSV	266°, 32%, 60%
XYZ	18.8299, 16.2526, 31.8504
YIQ	114.8650, -3.2130, 19.6910

Conversions

Conversions Part 2

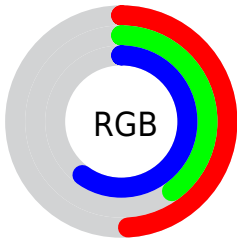
Format	Color
R_{YB}	124, 103, 152
Decimal	8152984
CIE _{Lab}	47.30, 18.62, -23.62
CIE _{LCh}	47, 30.074, 308.244
Yxy	16.2526, 0.2813, 0.2428
Android (android.graphics.Color)	4286343064 (0xFF7C6798)
YUV	114.8650, 18.3076, 8.0114
Hunter-Lab	40.3145, 12.8227, -18.6218

Details

The Hex color **7C6798** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **839867**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **B19ACE**, and **4A3865** is the 20% darker color. If you saturate the color by 10%, you get **735898**, and if you desaturate by 10%, it is **857698**.

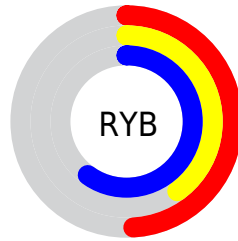
Distribution



Red (49%)

Green (40%)

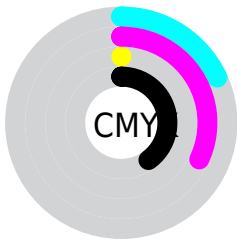
Blue (60%)



Red (49%)

Yellow (40%)

Blue (60%)

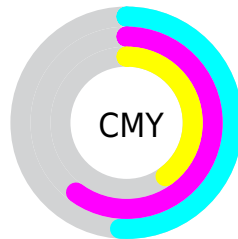


Cyan (18%)

Magenta (32%)

Yellow (0%)

Black (40%)



Cyan (51%)

Magenta (60%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C6798 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 7C6798 by changing the saturation by 10% instead.

■ 7C6798

■ 7C6798

FFFFFF

■ 634F7E

■ B19ACE

■ 4A3865

■ CDB5EB

■ 33224D

■ E9D1FF

■ 1C0D36

■ FFEDFF

■ 000020

■ 000004

■ 000000

■ 7C6798

■ 7C6798

■ 735898

■ 857698

6B4998

8D8598

623998

969598

592A98

9FA498

511B98

A7B398

480C98

B0C298

410098

B9D198

C1E198

CAF098

Harmonies

Analogous

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



5670A2



7C6798



955F83

Triad

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



7C6798



906841



107E77

Complementary

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



7C6798



839867

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.



3E7C5D



7C6798



7A713D

Square

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



7C6798



9E6052



5E7847



007C8F

Rectangle

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



7C6798



9F5C73



5E7847



237D6E

Sweetspot

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



7C6798



B9B1C4



678498



5D5863



E3E3E3



636363

Same Dimension

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



7C6798



9978C4



946798



48454D



3C008C



05000D

Inverse Universe

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



986783



C478A4



6B9867



4D4549



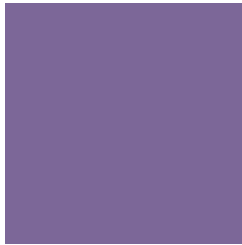
8C0050



0D0007

Previews

White Background



This preview shows how the Hex color 7C6798 looks on a white background.

Color Contrast Check

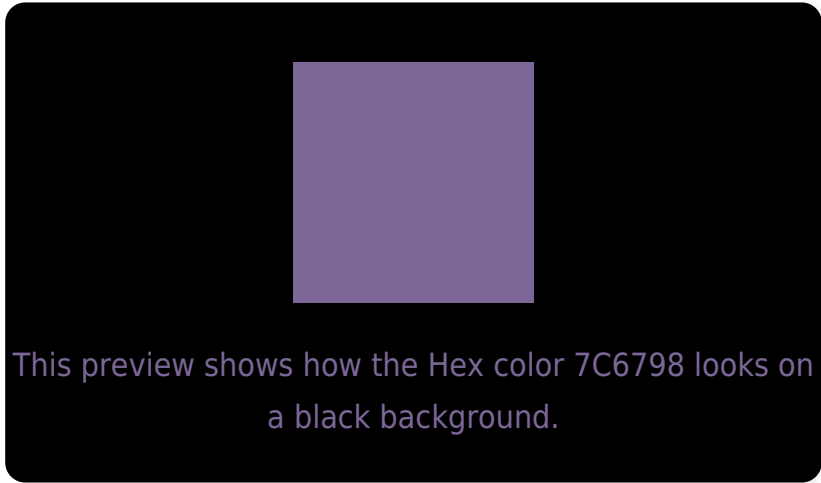
Large Text (above 18pt) WCAG AA ✓ Pass

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

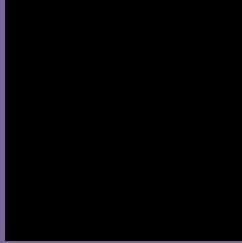
Any Text WCAG AA × Fail

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 7C6798 Background



This preview shows how black text looks on a background with the Hex color 7C6798.



This preview shows how white text looks on a background with the Hex color 7C6798.

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
766E76

Trichromacy



Original Color
7C6798

Protanomaly
6B6C9C

Deuteranomaly
6E6C97

Tritanomaly
786B82

Monochromacy



Original Color
7C6798

Achromatopsia
737373

Achromatomaly
766F80

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C6798 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 #7C6798 looks like.

```
.text, #text, p{  
    color:#7C6798  
}
```

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 #7C6798 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C6798
}
```

Border

The CSS property to change the border of an element to Hex 7C6798 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
#7C6798 }
```

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

```
.border{ border-color:#7C6798 }
```

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

Here you see how a box with a 4 pixel #7C6798 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C6798; -webkit-box-shadow:4px 4px  
4px 4px #7C6798; box-shadow:4px 4px 4px  
4px #7C6798 }
```

Background

The CSS property to change the background color of an element to Hex 7C6798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C6798 }
```

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

```
.background{ background-color:#7C6798 }
```

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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