

Converting Colors

Hex(766E98)

Have a look what the booklet for
Hex(766E98) contains.

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Color

Hex(766E98)

Conversions

Conversions Part 1

Format	Color
Hex	766E98
RGB	118, 110, 152
RGB Percent	46%, 43%, 60%
CMY	0.5373, 0.5686, 0.4039
CMYK	0.22, 0.28, 0.00, 0.40
HSL	251°, 17%, 51%
HSV	251°, 28%, 60%
XYZ	18.7146, 17.2704, 32.0529
YIQ	117.1800, -8.7140, 14.7580

Conversions

Conversions Part 2

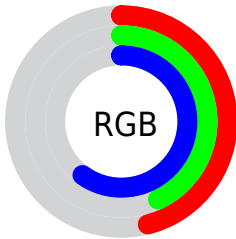
Format	Color
R_{YB}	118, 110, 152
Decimal	7761560
CIE _{Lab}	48.60, 12.44, -21.67
CIE _{LCh}	49, 24.984, 299.859
Yxy	17.2704, 0.2751, 0.2538
Android (android.graphics.Color)	4285951640 (0xFF766E98)
YUV	117.1800, 17.1663, 0.7191
Hunter-Lab	41.5577, 7.6578, -16.6393

Details

The Hex color **766E98** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **90986E**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **ABA2CE**, and **453E65** is the 20% darker color. If you saturate the color by 10%, you get **6A5F98**, and if you desaturate by 10%, it is **827D98**.

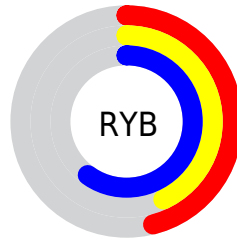
Distribution



Red (46%)

Green (43%)

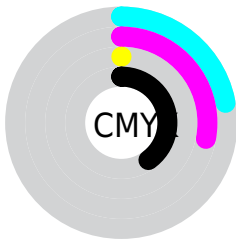
Blue (60%)



Red (46%)

Yellow (43%)

Blue (60%)

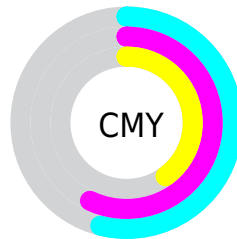


Cyan (22%)

Magenta (28%)

Yellow (0%)

Black (40%)



Cyan (54%)

Magenta (57%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 766E98 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 766E98 by changing the saturation by 10% instead.

■ 766E98

■ 766E98

FFFFFF

■ 5D567E

■ ABA2CE

■ 453E65

■ C6BDEB

■ 2D294D

■ E2D8FF

■ 171436

■ FFF5FF

■ 000021

■ 000005

■ 000000

■ 766E98

■ 766E98

■ 6A5F98

■ 827D98

5D5098

8F8C98

514098

9B9C98

453198

A7AB98

382298

B4BA98

2C1398

C0C998

200498

CCD898

1D0098

D8E898

E5F798

Harmonies

Analogous

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



56759D



766E98



8E6789

Triad

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



766E98



936B50



3A7F73

Complementary

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



766E98



90986E

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.



537D5E



766E98



827249

Square

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



766E98



9D655F



6C784E



2A7E88

Rectangle

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



766E98



98647C



6C784E



427E6B

Sweetspot

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



766E98



B8B5C4



6E9098



5B5A63



E3E3E3



636363

Same Dimension

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



766E98



9084C4



8B6E98



46454D



1B008C



02000D

Inverse Universe

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



986E90



C484B8



7B986E



4D454B



8C0072



0D000A

Previews

White Background



This preview shows how the Hex color 766E98 looks on a white background.

Color Contrast Check

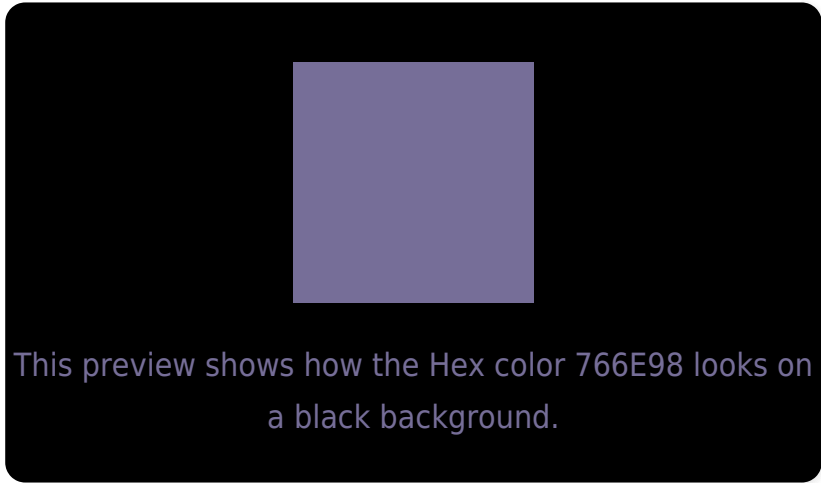
Large Text (above 18pt) WCAG AA ✓ Pass

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

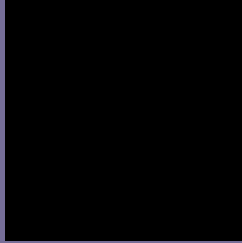
Any Text WCAG AA × Fail

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 766E98 Background



This preview shows how black text looks on a background with the Hex color 766E98.



This preview shows how white text looks on a background with the Hex color 766E98.

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
766E98

Protanopia
68729B

Deuteranopia
6B7297

Trichromacy



Original Color
766E98

Protanomaly
6D719A

Deuteranomaly
6F7197

Tritanomaly
737186

Monochromacy



Original Color
766E98

Achromatopsia
757575

Achromatomaly
757282

CSS Examples

Text

The CSS property to change the color of the text to Hex 766E98 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 #766E98 looks like.

```
.text, #text, p{  
    color:#766E98  
}
```

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 #766E98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766E98  
}
```

Border

The CSS property to change the border of an element to Hex 766E98 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  
#766E98 }
```

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

```
.border{ border-color:#766E98 }
```

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

Here you see how a box with a 4 pixel #766E98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766E98; -webkit-box-shadow:4px 4px  
4px 4px #766E98; box-shadow:4px 4px 4px  
4px #766E98 }
```

Background

The CSS property to change the background color of an element to Hex 766E98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766E98 }
```

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

```
.background{ background-color:#766E98 }
```

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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