

Converting Colors

Hex(766D8F)

Have a look what the booklet for
Hex(766D8F) contains.

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Color

Hex(766D8F)

Conversions

Conversions Part 1

Format	Color
Hex	766D8F
RGB	118, 109, 143
RGB Percent	46%, 43%, 56%
CMY	0.5373, 0.5725, 0.4392
CMYK	0.17, 0.24, 0.00, 0.44
HSL	256°, 13%, 49%
HSV	256°, 24%, 56%
XYZ	17.8978, 16.7720, 28.2806
YIQ	115.5670, -5.5500, 12.4820

Conversions

Conversions Part 2

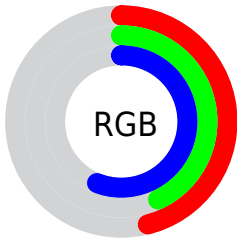
Format	Color
R_{YB}	118, 109, 143
Decimal	7761295
CIE _{Lab}	47.97, 10.85, -17.31
CIE _{LCh}	48, 20.429, 302.074
Yxy	16.7720, 0.2843, 0.2664
Android (android.graphics.Color)	4285951375 (0xFF766D8F)
YUV	115.5670, 13.5245, 2.1337
Hunter-Lab	40.9536, 6.3402, -12.2753

Details

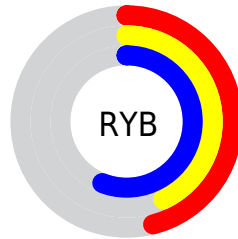
The Hex color **766D8F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **868F6D**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **AAA0C5**, and **453E5D** is the 20% darker color. If you saturate the color by 10%, you get **6B5F8F**, and if you desaturate by 10%, it is **817B8F**.

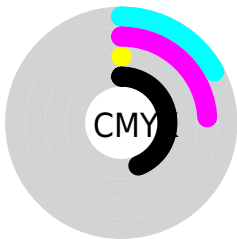
Distribution



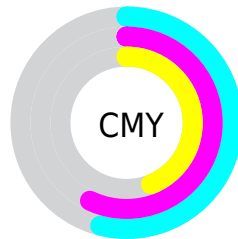
- Red (46%)
- Green (43%)
- Blue (56%)



- Red (46%)
- Yellow (43%)
- Blue (56%)



- Cyan (17%)
- Magenta (24%)
- Yellow (0%)
- Black (44%)



- Cyan (54%)
- Magenta (57%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 766D8F 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 766D8F by changing the saturation by 10% instead.

766D8F

766D8F

FFFFFF

5D5575

AAA0C5

453E5D

C6BBE1

2E2845

E2D7FE

18132E

FFF4FF

00001A

000000

766D8F

766D8F

6B5F8F

817B8F

61508F

8B8A8F

■ 56428F

■ 96988F

■ 4C348F

■ A0A68F

■ 41258F

■ ABB48F

■ 37178F

■ B5C38F

■ 2C098F

■ C0D18F

■ 26008F

■ CADF8F

■ D5EE8F

Harmonies

Analogous

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



5E7394



766D8F



896882

Triad

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



766D8F



8C6B54



457B72

Complementary

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



766D8F



868F6D

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.



577A61



766D8F



7D714F

Square

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



766D8F



946760



6B7654



3D7B84

Rectangle

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



766D8F



916677



6B7654



4A7B6D

Sweetspot

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



766D8F



B1ADBA



6D878F



59575E



DEDEDE



5E5E5E

Same Dimension

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



766D8F



9284BA



876D8F



424047



240087



020008

Inverse Universe

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



8F6D86



BA84AC



768F6D



474046



870063



080006

Previews

White Background



This preview shows how the Hex color 766D8F looks on a white background.

Color Contrast Check

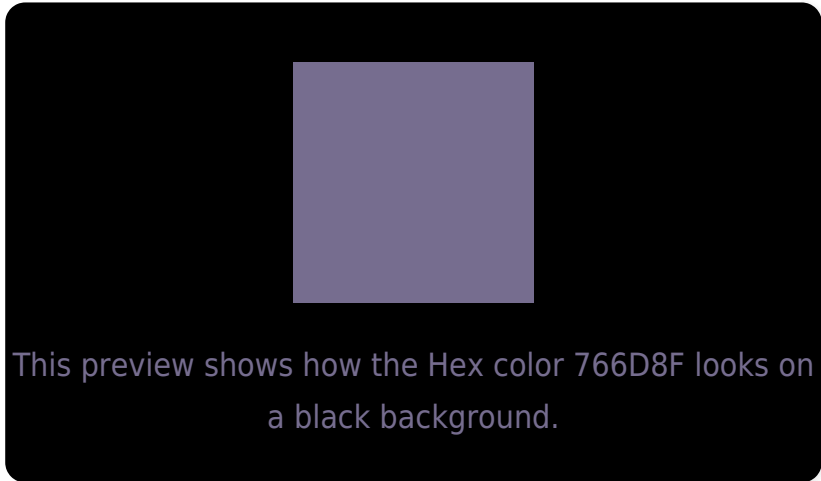
Large Text (above 18pt) WCAG AA ✓ Pass

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

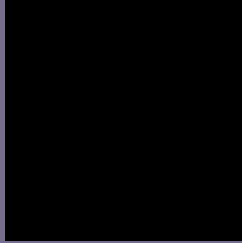
Any Text WCAG AA × Fail

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 766D8F Background



This preview shows how black text looks on a background with the Hex color 766D8F.



This preview shows how white text looks on a background with the Hex color 766D8F.

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
766D8F

Protanopia
697192

Deuteranopia
6E708E



Tritanopia
72717A

Trichromacy



Original Color
766D8F

Protanomaly
6E7091

Deuteranomaly
716F8E

Tritanomaly
737082

Monochromacy



Original Color
766D8F

Achromatopsia
747474

Achromatomaly
75717E

CSS Examples

Text

The CSS property to change the color of the text to Hex 766D8F 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 #766D8F looks like.

```
.text, #text, p{  
    color:#766D8F  
}
```

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 #766D8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766D8F
}
```

Border

The CSS property to change the border of an element to Hex 766D8F 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
#766D8F }
```

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

```
.border{ border-color:#766D8F }
```

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

Here you see how a box with a 4 pixel #766D8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766D8F; -webkit-box-shadow:4px 4px  
4px 4px #766D8F; box-shadow:4px 4px 4px  
4px #766D8F }
```

Background

The CSS property to change the background color of an element to Hex 766D8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766D8F }
```

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

```
.background{ background-color:#766D8F }
```

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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