

Converting Colors

Hex(726A81)

Have a look what the booklet for
Hex(726A81) contains.

Hex(726A81)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(726A81)

Conversions

Conversions Part 1

Format	Color
Hex	726A81
RGB	114, 106, 129
RGB Percent	45%, 42%, 51%
CMY	0.5529, 0.5843, 0.4941
CMYK	0.12, 0.18, 0.00, 0.49
HSL	261°, 10%, 46%
HSV	261°, 18%, 51%
XYZ	16.0559, 15.4705, 22.9087
YIQ	111.0140, -2.6150, 8.8490

Conversions

Conversions Part 2

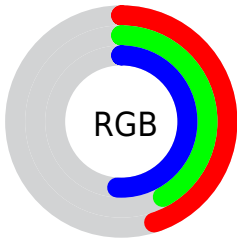
Format	Color
RYB	114, 106, 129
Decimal	7498369
CIELab	46.27, 7.98, -11.59
CIELCh	46, 14.073, 304.569
Yxy	15.4705, 0.2950, 0.2842
Android (android.graphics.Color)	4285688449 (0xFF726A81)
YUV	111.0140, 8.8671, 2.6187
Hunter-Lab	39.3325, 4.0336, -7.0000

Details

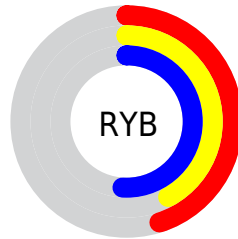
The Hex color **726A81** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **79816A**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **A69DB6**, and **423B50** is the 20% darker color. If you saturate the color by 10%, you get **6A5D81**, and if you desaturate by 10%, it is **7A7781**.

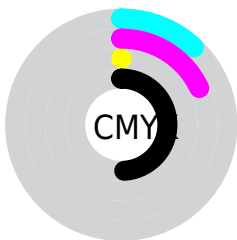
Distribution



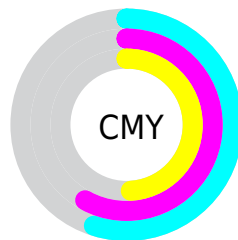
- Red (45%)
- Green (42%)
- Blue (51%)



- Red (45%)
- Yellow (42%)
- Blue (51%)



- Cyan (12%)
- Magenta (18%)
- Yellow (0%)
- Black (49%)



- Cyan (55%)
- Magenta (58%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 726A81 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 726A81 by changing the saturation by 10% instead.



726A81



726A81

FFFFFF



595268



A69DB6



423B50



C1B8D1



2C2539



DDD4EE



171123



FAF0FF



00000C



000000



726A81



726A81



6A5D81



7A7781



615081



838481

■ 594381

■ 8B9181

■ 503681

■ 949E81

■ 482A81

■ 9CAB81

■ 401D81

■ A4B781

■ 371081

■ ADC481

■ 2F0381

■ B5D181

■ 2D0081

■ BEDE81

Harmonies

Analogous

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



626E85



726A81



7F6778

Triad

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



726A81



806959



50746F

Complementary

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



726A81



79816A

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.



5B7363



726A81



756D56

Square

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



726A81



866661



68715A



4E747B

Rectangle

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



726A81



846570



68715A



53746B

Sweetspot

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



726A81



A3A0A8



6A7981



514F54



D4D4D4



545454

Same Dimension

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



726A81



9185A8



7D6A81



3C3940



2C0080



000000

Inverse Universe

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



816A79



A8859C



6E816A



40393E



800053



000000

Previews

White Background



This preview shows how the Hex color 726A81 looks on a white background.

Color Contrast Check

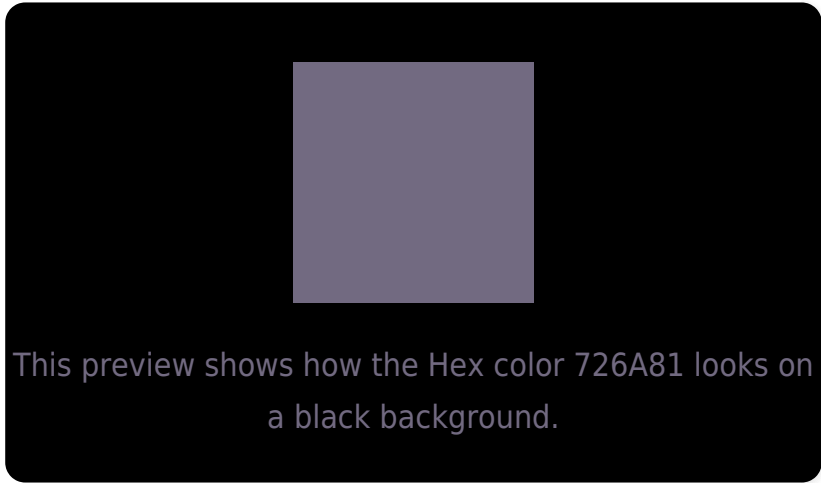
Large Text (above 18pt) WCAG AA ✓ Pass

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

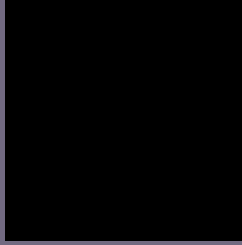
Any Text WCAG AA × Fail

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 726A81 Background



This preview shows how black text looks on a background with the Hex color 726A81.



This preview shows how white text looks on a background with the Hex color 726A81.

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
726A81

Protanopia
696D83

Deuteranopia
6F6B81



Tritanopia
706C75

Trichromacy



Original Color

726A81

Protanomaly

6C6C82

Deuteranomaly

706B81

Tritanomaly

716B79

Monochromacy



Original Color

726A81

Achromatopsia

6F6F6F

Achromatomaly

706D76

CSS Examples

Text

The CSS property to change the color of the text to Hex 726A81 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 #726A81 looks like.

```
.text, #text, p{  
    color:#726A81  
}
```

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 #726A81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #726A81
}
```

Border

The CSS property to change the border of an element to Hex 726A81 is called "border". The border property can be set on classes, ids or directly on the HTML element.

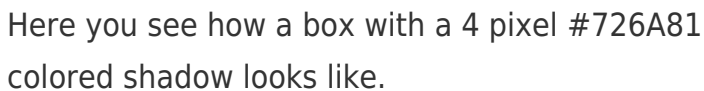
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#726A81 }
```

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

```
.border{ border-color:#726A81 }
```

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



Here you see how a box with a 4 pixel #726A81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #726A81; -webkit-box-shadow:4px 4px  
4px 4px #726A81; box-shadow:4px 4px 4px  
4px #726A81 }
```

Background

The CSS property to change the background color of an element to Hex 726A81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#726A81 }
```

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

```
.background{ background-color:#726A81 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor