

Converting Colors

Hex(706781)

Have a look what the booklet for
Hex(706781) contains.

Hex(706781)	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(706781)

Conversions

Conversions Part 1

Format	Color
Hex	706781
RGB	112, 103, 129
RGB Percent	44%, 40%, 51%
CMY	0.5608, 0.5961, 0.4941
CMYK	0.13, 0.20, 0.00, 0.49
HSL	261°, 11%, 45%
HSV	261°, 20%, 51%
XYZ	15.4948, 14.7302, 22.7954
YIQ	108.6550, -2.9820, 9.9940

Conversions

Conversions Part 2

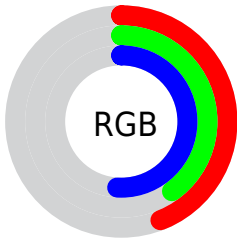
Format	Color
R _Y B	112, 103, 129
Decimal	7366529
CIE Lab	45.26, 9.08, -13.13
CIE LCh	45, 15.964, 304.655
Yxy	14.7302, 0.2922, 0.2778
Android (android.graphics.Color)	4285556609 (0xFF706781)
YUV	108.6550, 10.0301, 2.9336
Hunter-Lab	38.3800, 4.8992, -8.3488

Details

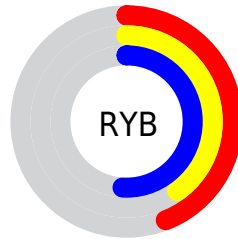
The Hex color **706781** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **788167**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **A49AB6**, and **403850** is the 20% darker color. If you saturate the color by 10%, you get **685A81**, and if you desaturate by 10%, it is **787481**.

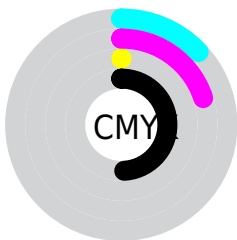
Distribution



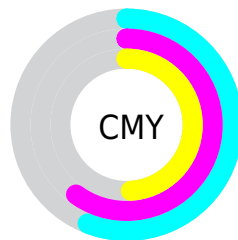
- Red (44%)
- Green (40%)
- Blue (51%)



- Red (44%)
- Yellow (40%)
- Blue (51%)



- Cyan (13%)
- Magenta (20%)
- Yellow (0%)
- Black (49%)



- Cyan (56%)
- Magenta (60%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 706781 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 706781 by changing the saturation by 10% instead.

706781

706781

FFFFFF

574F68

A49AB6

403850

BFB5D2

2A2339

DBD0EE

160D23

F8EDFF

00000C

000000

706781

706781

685A81

787481

5F4D81

818181

■ 574081

■ 898E81

■ 4E3381

■ 929B81

■ 462781

■ 9AA881

■ 3D1A81

■ A3B481

■ 350D81

■ ABC181

■ 2D0081

■ B3CE81

■ BCDB81

Harmonies

Analogous

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



5E6C85



706781



7E6377

Triad

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



706781



7F6653



49736D

Complementary

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



706781



788167

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.



55725F



706781



736B51

Square

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



706781



86635D



646F55



46727A

Rectangle

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



706781



84626E



646F55



4D7368

Sweetspot

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



706781



A29EA8



677881



504E54



D4D4D4



545454

Same Dimension

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



706781



8E80A8



7D6781



3C3940



2C0080



000000

Inverse Universe

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



816778



A8809A



6B8167



40393E



800053



000000

Previews

White Background



This preview shows how the Hex color 706781 looks on a white background.

Color Contrast Check

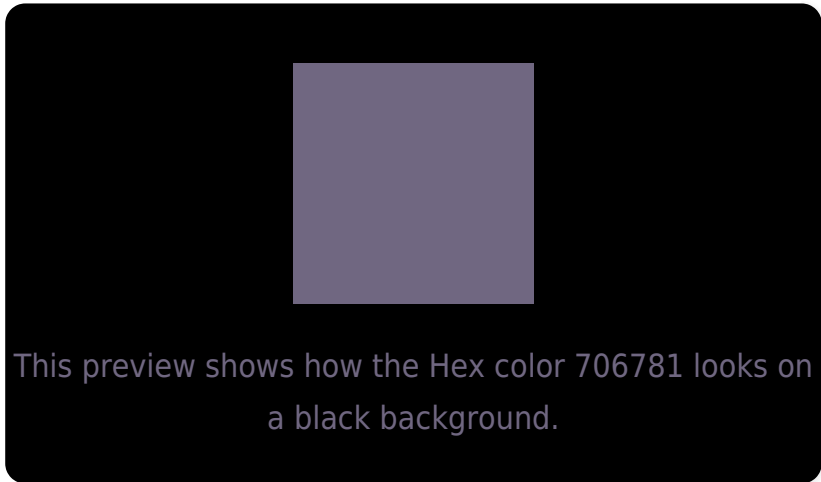
Large Text (above 18pt) WCAG AA ✓ Pass

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

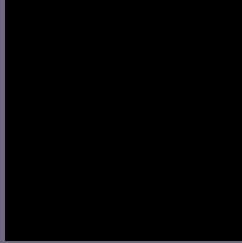
Any Text WCAG AA × Fail

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 706781 Background



This preview shows how black text looks on a background with the Hex color 706781.



This preview shows how white text looks on a background with the Hex color 706781.

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
706781

Protanopia
656A83

Deuteranopia
6B6981



Tritanopia
6D6A72

Trichromacy



Original Color
706781

Protanomaly
696982

Deuteranomaly
6D6881

Tritanomaly
6E6977

Monochromacy



Original Color
706781

Achromatopsia
6D6D6D

Achromatomaly
6E6B74

CSS Examples

Text

The CSS property to change the color of the text to Hex 706781 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 #706781 looks like.

```
.text, #text, p{  
    color:#706781  
}
```

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 #706781 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #706781
}
```

Border

The CSS property to change the border of an element to Hex 706781 is called "border". The border property can be set on classes, ids or directly on the HTML element.

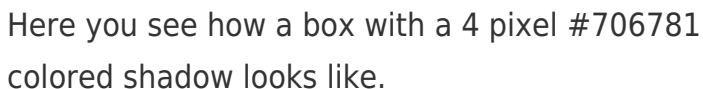
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#706781 }
```

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

```
.border{ border-color:#706781 }
```

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



Here you see how a box with a 4 pixel #706781 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #706781; -webkit-box-shadow:4px 4px  
4px 4px #706781; box-shadow:4px 4px 4px  
4px #706781 }
```

Background

The CSS property to change the background color of an element to Hex 706781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#706781 }
```

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

```
.background{ background-color:#706781 }
```

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