

Converting Colors

Hex(786C82)

Have a look what the booklet for
Hex(786C82) contains.

Hex(786C82)	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(786C82)

Conversions

Conversions Part 1

Format	Color
Hex	786C82
RGB	120, 108, 130
RGB Percent	47%, 42%, 51%
CMY	0.5294, 0.5765, 0.4902
CMYK	0.08, 0.17, 0.00, 0.49
HSL	273°, 9%, 47%
HSV	273°, 17%, 51%
XYZ	17.1376, 16.3299, 23.3678
YIQ	114.0960, 0.0900, 9.3860

Conversions

Conversions Part 2

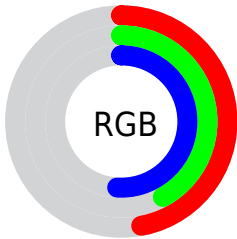
Format	Color
R_{YB}	120, 108, 130
Decimal	7892098
CIE Lab	47.40, 9.18, -10.42
CIE LCh	47, 13.888, 311.354
Yxy	16.3299, 0.3015, 0.2873
Android (android.graphics.Color)	4286082178 (0xFF786C82)
YUV	114.0960, 7.8407, 5.1778
Hunter-Lab	40.4103, 4.9819, -5.9981

Details

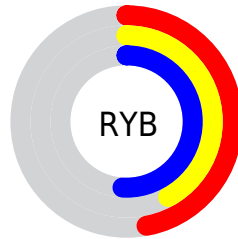
The Hex color **786C82** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **76826C**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **AC9FB7**, and **473D51** is the 20% darker color. If you saturate the color by 10%, you get **725F82**, and if you desaturate by 10%, it is **7E7982**.

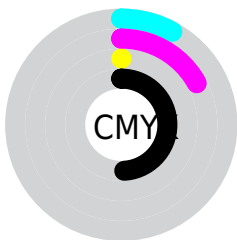
Distribution



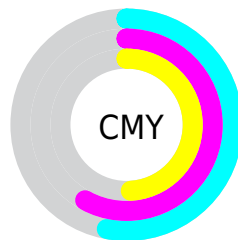
- Red (47%)
- Green (42%)
- Blue (51%)



- Red (47%)
- Yellow (42%)
- Blue (51%)



- Cyan (8%)
- Magenta (17%)
- Yellow (0%)
- Black (49%)



- Cyan (53%)
- Magenta (58%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786C82 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 786C82 by changing the saturation by 10% instead.



786C82



786C82

FFFFFF



5F5469



AC9FB7



473D51



C8BAD3



31273A



E4D6EF



1C1324



FFF3FF



00010E



000000



786C82



786C82



725F82



7E7982



6C5282



848682

664582

8A9382

603882

90A082

5A2B82

96AD82

551E82

9BBA82

4F1182

A1C782

490482

A7D482

470082

ADE182

Harmonies

Analogous

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



697087



786C82



836978

Triad

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



786C82



806D5B



527775

Complementary

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



786C82



76826C

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.



5B7769



786C82



75715A

Square

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



786C82



876A61



68745F



52767F

Rectangle

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



786C82



886870



68745F



547771

Sweetspot

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



786C82



A4A0A8



6C7682



524F54



D4D4D4



545454

Same Dimension

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



786C82



9987A8



826C81



3D3940



460080



000000

Inverse Universe

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



826C76



A88796



6C826D



40393C



80003A



000000

Previews

White Background



This preview shows how the Hex color 786C82 looks on a white background.

Color Contrast Check

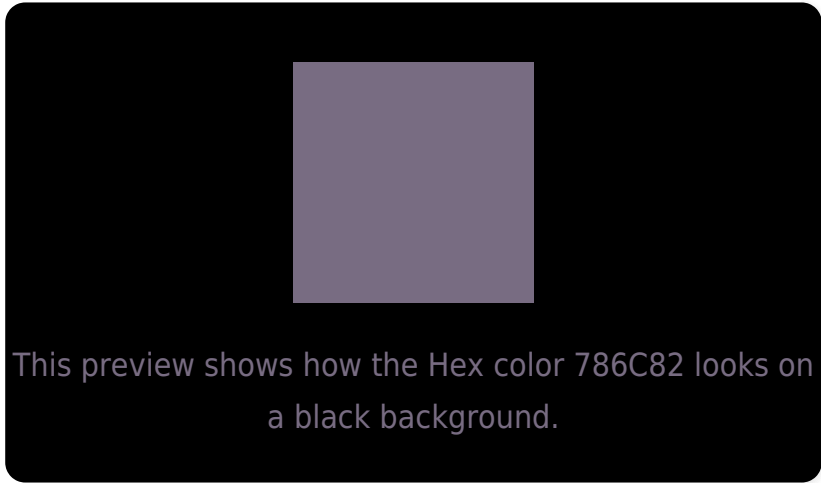
Large Text (above 18pt) WCAG AA ✓ Pass

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

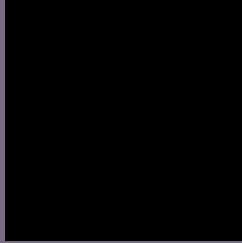
Any Text WCAG AA × Fail

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 786C82 Background



This preview shows how black text looks on a background with the Hex color 786C82.



This preview shows how white text looks on a background with the Hex color 786C82.

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
786C82

Protanopia
6C7084

Deuteranopia
736E82



Tritanopia
766E77

Trichromacy



Original Color
786C82

Protanomaly
706F83

Deuteranomaly
756D82

Tritanomaly
776D7B

Monochromacy



Original Color
786C82

Achromatopsia
727272

Achromatomaly
747078

CSS Examples

Text

The CSS property to change the color of the text to Hex 786C82 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 #786C82 looks like.

```
.text, #text, p{  
    color:#786C82  
}
```

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 #786C82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786C82
}
```

Border

The CSS property to change the border of an element to Hex 786C82 is called "border". The border property can be set on classes, ids or directly on the HTML element.

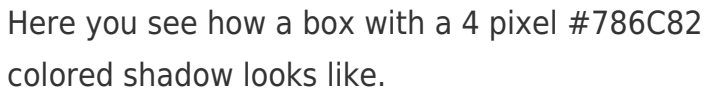
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#786C82 }
```

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

```
.border{ border-color:#786C82 }
```

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



Here you see how a box with a 4 pixel #786C82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786C82; -webkit-box-shadow:4px 4px  
4px 4px #786C82; box-shadow:4px 4px 4px  
4px #786C82 }
```

Background

The CSS property to change the background color of an element to Hex 786C82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786C82 }
```

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

```
.background{ background-color:#786C82 }
```

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