

Converting Colors

Hex(677C81)

Have a look what the booklet for
Hex(677C81) contains.

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Color

Hex(677C81)

Conversions

Conversions Part 1

Format	Color
Hex	677C81
RGB	103, 124, 129
RGB Percent	40%, 49%, 51%
CMY	0.5961, 0.5137, 0.4941
CMYK	0.20, 0.04, 0.00, 0.49
HSL	192°, 11%, 45%
HSV	192°, 20%, 51%
XYZ	16.7636, 18.8838, 23.5303
YIQ	118.2910, -14.1210, -2.8970

Conversions

Conversions Part 2

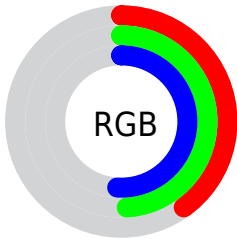
Format	Color
R_{YB}	103, 115, 129
Decimal	6782081
CIE _{Lab}	50.55, -6.46, -5.28
CIE _{LCh}	51, 8.339, 219.256
Yxy	18.8838, 0.2833, 0.3191
Android (android.graphics.Color)	4284972161 (0xFF677C81)
YUV	118.2910, 5.2795, -13.4102
Hunter-Lab	43.4555, -7.1882, -1.6854

Details

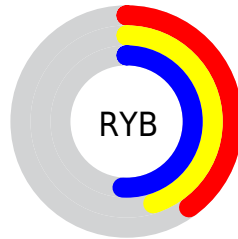
The Hex color **677C81** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **816C67**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **9AB1B6**, and **374B50** is the 20% darker color. If you saturate the color by 10%, you get **5A7A81**, and if you desaturate by 10%, it is **747E81**.

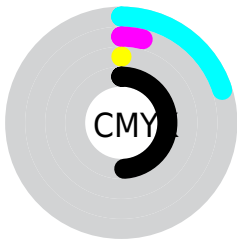
Distribution



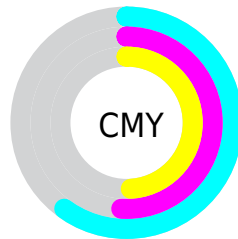
- Red (40%)
- Green (49%)
- Blue (51%)



- Red (40%)
- Yellow (45%)
- Blue (51%)



- Cyan (20%)
- Magenta (4%)
- Yellow (0%)
- Black (49%)



- Cyan (60%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 677C81 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 677C81 by changing the saturation by 10% instead.

677C81

677C81

FFFFFF

4F6368

9AB1B6

374B50

B5CCD1

213539

D1E8EE

0C1F24

EDFFFF

00040E

000000

677C81

677C81

5A7A81

747E81

4D7781

818181

407581

8E8381

337281

9B8681

277081

A88881

1A6D81

B48B81

0D6B81

C18D81

006881

CE9081

DB9281

Harmonies

Analogous

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



677D7A



677C81



6C7A85

Triad

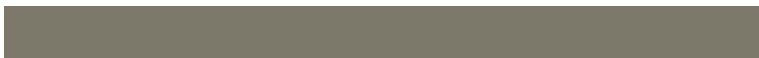
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



677C81



84747E



7C796A

Complementary

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



677C81



816C67

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.



83766B



677C81



877476

Square

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



677C81



7C7683



877470



747B6D

Rectangle

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



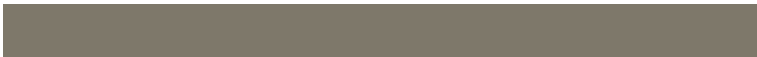
677C81



717986



877470



7E786A

Sweetspot

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



677C81



9EA6A8



67816C



4E5354



D4D4D4



545454

Same Dimension

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



677C81



80A1A8



676F81



393F40



006780



000000

Inverse Universe

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



81677C



A880A1



817967



40393F



800067



000000

Previews

White Background



This preview shows how the Hex color 677C81 looks on a white background.

Color Contrast Check

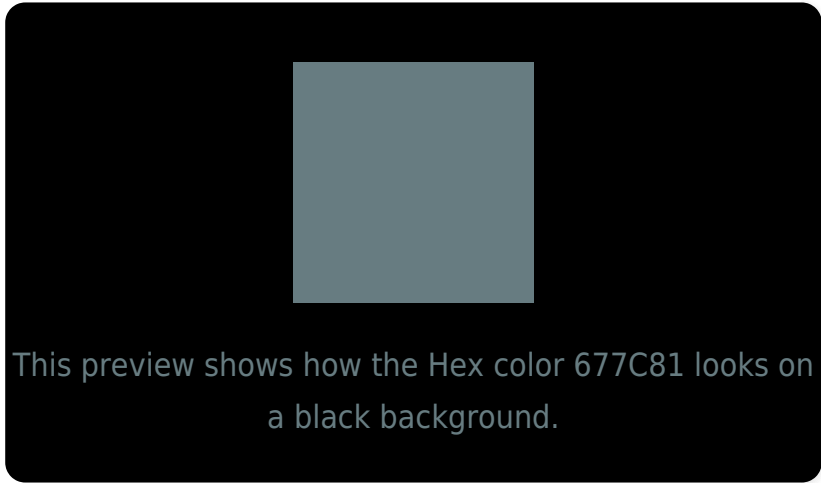
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

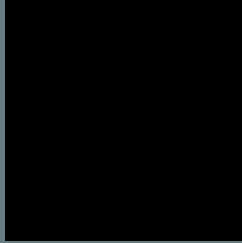
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

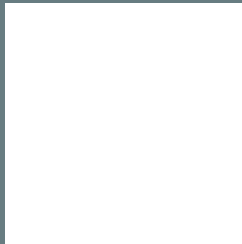
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 677C81 Background



This preview shows how black text looks on a background with the Hex color 677C81.

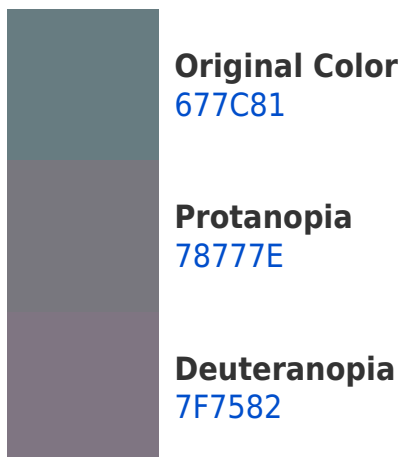


This preview shows how white text looks on a background with the Hex color 677C81.

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](#).

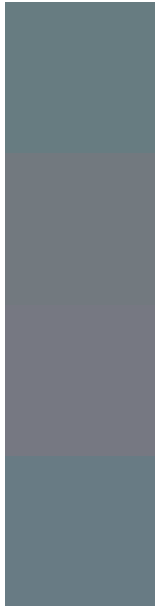
Dichromacy





Tritanopia
687B85

Trichromacy



Original Color
677C81

Protanomaly
72797F

Deuteranomaly
767882

Tritanomaly
687B84

Monochromacy



Original Color
677C81

Achromatopsia
767676

Achromatomaly
71787A

CSS Examples

Text

The CSS property to change the color of the text to Hex 677C81 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 #677C81 looks like.

```
.text, #text, p{  
    color:#677C81  
}
```

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 #677C81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #677C81
}
```

Border

The CSS property to change the border of an element to Hex 677C81 is called "border". The border property can be set on classes, ids or directly on the HTML element.

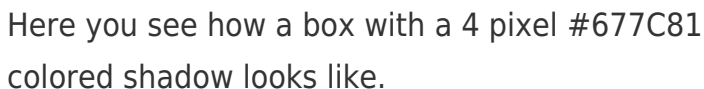
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#677C81 }
```

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

```
.border{ border-color:#677C81 }
```

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



Here you see how a box with a 4 pixel #677C81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #677C81; -webkit-box-shadow:4px 4px  
4px 4px #677C81; box-shadow:4px 4px 4px  
4px #677C81 }
```

Background

The CSS property to change the background color of an element to Hex 677C81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#677C81 }
```

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

```
.background{ background-color:#677C81 }
```

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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