

Converting Colors

Hex(687A77)

Have a look what the booklet for
Hex(687A77) contains.

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Color

Hex(687A77)

Conversions

Conversions Part 1

Format	Color
Hex	687A77
RGB	104, 122, 119
RGB Percent	41%, 48%, 47%
CMY	0.5922, 0.5216, 0.5333
CMYK	0.15, 0.00, 0.02, 0.52
HSL	170°, 8%, 44%
HSV	170°, 15%, 48%
XYZ	15.9982, 18.1940, 20.1214
YIQ	116.2760, -9.7650, -4.7490

Conversions

Conversions Part 2

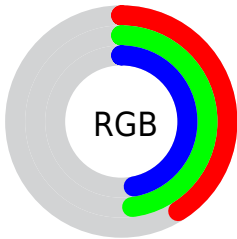
Format	Color
RYB	104, 114, 122
Decimal	6847095
CIELab	49.73, -7.25, -0.59
CIElCh	50, 7.279, 184.652
Yxy	18.1940, 0.2946, 0.3350
Android (android.graphics.Color)	4285037175 (0xFF687A77)
YUV	116.2760, 1.3429, -10.7661
Hunter-Lab	42.6545, -7.6961, 1.8893

Details

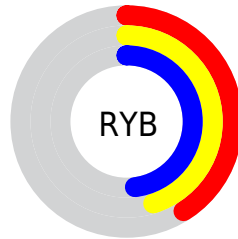
The Hex color **687A77** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A686B**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **9BAEAB**, and **394947** is the 20% darker color. If you saturate the color by 10%, you get **5C7A75**, and if you desaturate by 10%, it is **747A79**.

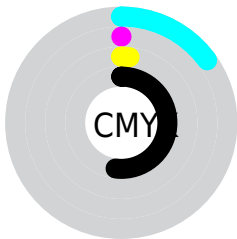
Distribution



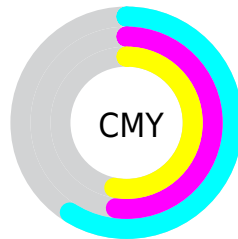
- Red (41%)
- Green (48%)
- Blue (47%)



- Red (41%)
- Yellow (45%)
- Blue (48%)



- Cyan (15%)
- Magenta (0%)
- Yellow (2%)
- Black (52%)



- Cyan (59%)
- Magenta (52%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 687A77 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 687A77 by changing the saturation by 10% instead.



687A77



687A77

FFFFFF



50615E



9BAEAB



394947



B6CAC6



233330



D2E6E2



0E1E1C



EEFFFF



000000



687A77



687A77



5C7A75



747A79



507A73



807A7B



437A71



8D7A7D

■ 377A6F

■ 997A7F

■ 2B7A6D

■ A57A81

■ 1F7A6B

■ B17A83

■ 137A69

■ BD7A85

■ 067A67

■ CA7A87

■ 007A66

■ D67A89

Harmonies

Analogous

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



6D7971



687A77



677A7D

Triad

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



687A77



797480



80746B

Complementary

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



687A77



7A686B

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.



83736F



687A77



7F737C

Square

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



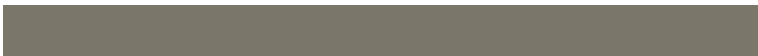
687A77



717682



837275



7A766A

Rectangle

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



687A77



697980



837275



82746C

Sweetspot

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



687A77



989E9D



6B7A68



4B4F4E



CFCFCF



4F4F4F

Same Dimension

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



687A77



829E99



68747A



373D3C



007D68



00FCD2

Inverse Universe

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



7A686B



9E8286



7A6E68



3D3738



7D0015



FC002A

Previews

White Background



This preview shows how the Hex color 687A77 looks on a white background.

Color Contrast Check

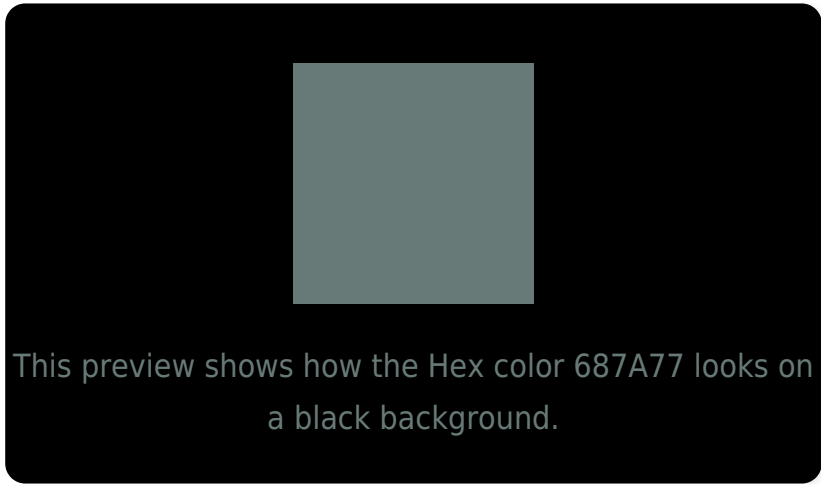
Large Text (above 18pt) WCAG AA ✓ Pass

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

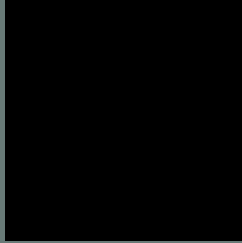
Any Text WCAG AA ✓ Pass

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 687A77 Background



This preview shows how black text looks on a background with the Hex color 687A77.

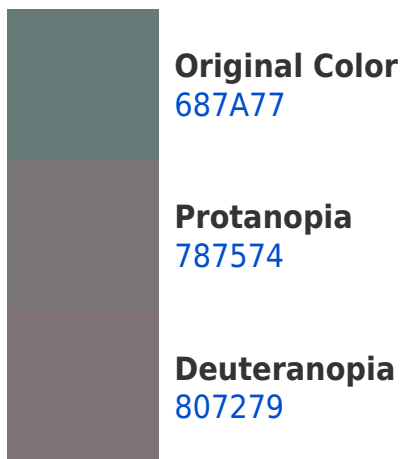


This preview shows how white text looks on a background with the Hex color 687A77.

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
6A7882

Trichromacy



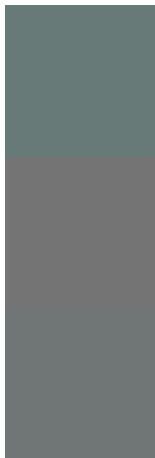
Original Color
687A77

Protanomaly
727775

Deuteranomaly
777578

Tritanomaly
69797E

Monochromacy



Original Color
687A77

Achromatopsia
747474

Achromatomaly
707675

CSS Examples

Text

The CSS property to change the color of the text to Hex 687A77 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 #687A77 looks like.

```
.text, #text, p{  
    color:#687A77  
}
```

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 #687A77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #687A77
}
```

Border

The CSS property to change the border of an element to Hex 687A77 is called "border". The border property can be set on classes, ids or directly on the HTML element.

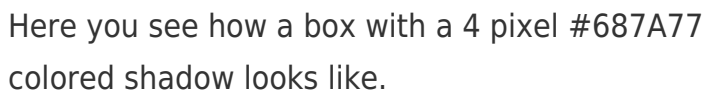
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#687A77 }
```

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

```
.border{ border-color:#687A77 }
```

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



Here you see how a box with a 4 pixel #687A77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #687A77; -webkit-box-shadow:4px 4px  
4px 4px #687A77; box-shadow:4px 4px 4px  
4px #687A77 }
```

Background

The CSS property to change the background color of an element to Hex 687A77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#687A77 }
```

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

```
.background{ background-color:#687A77 }
```

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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