

Converting Colors

Hex(687A79)

Have a look what the booklet for
Hex(687A79) contains.

Hex(687A79)	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(687A79)

Conversions

Conversions Part 1

Format	Color
Hex	687A79
RGB	104, 122, 121
RGB Percent	41%, 48%, 47%
CMY	0.5922, 0.5216, 0.5255
CMYK	0.15, 0.00, 0.01, 0.52
HSL	177°, 8%, 44%
HSV	177°, 15%, 48%
XYZ	16.1196, 18.2426, 20.7607
YIQ	116.5040, -10.4070, -4.1270

Conversions

Conversions Part 2

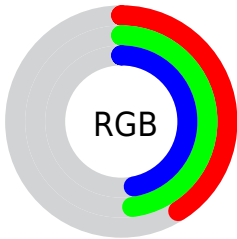
Format	Color
RYB	104, 113, 122
Decimal	6847097
CIELab	49.79, -6.81, -1.68
CIElCh	50, 7.015, 193.887
Yxy	18.2426, 0.2924, 0.3309
Android (android.graphics.Color)	4285037177 (0xFF687A79)
YUV	116.5040, 2.2165, -10.9660
Hunter-Lab	42.7114, -7.3774, 1.0788

Details

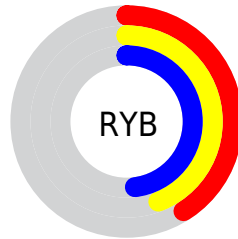
The Hex color **687A79** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A6869**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **9BAEAD**, and **394949** is the 20% darker color. If you saturate the color by 10%, you get **5C7A78**, and if you desaturate by 10%, it is **747A7A**.

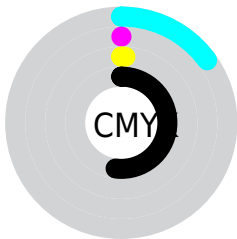
Distribution



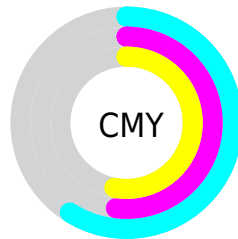
- Red (41%)
- Green (48%)
- Blue (47%)



- Red (41%)
- Yellow (44%)
- Blue (48%)



- Cyan (15%)
- Magenta (0%)
- Yellow (1%)
- Black (52%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 687A79 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 687A79 by changing the saturation by 10% instead.



687A79



687A79

FFFFFF



506160



9BAEAD



394949



B6CAC9



233332



D2E6E5



0E1E1D



EEEFFF



000003



000000



687A79



687A79



5C7A78



747A7A



507A78



807A7A

437A77

8D7A7B

377A76

997A7C

2B7A76

A57A7C

1F7A75

B17A7D

137A74

BD7A7E

067A74

CA7A7E

007A73

D67A7F

Harmonies

Analogous

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



6B7A73



687A79



68797E

Triad

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



687A79



7B747F



7F756B

Complementary

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



687A79



7A6869

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.



83736E



687A79



81737A

Square

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



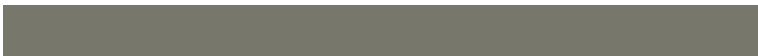
687A79



747682



837274



78776B

Rectangle

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



687A79



6B7881



837274



80746C

Sweetspot

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



687A79



989E9E



697A68



4B4F4F



CFCFCF



4F4F4F

Same Dimension

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



687A79



829E9D



68727A



373D3D



007D76



00FCEE

Inverse Universe

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



7A6869



9E8283



7A7068



3D3737



7D0007



FC000E

Previews

White Background



This preview shows how the Hex color 687A79 looks on a white background.

Color Contrast Check

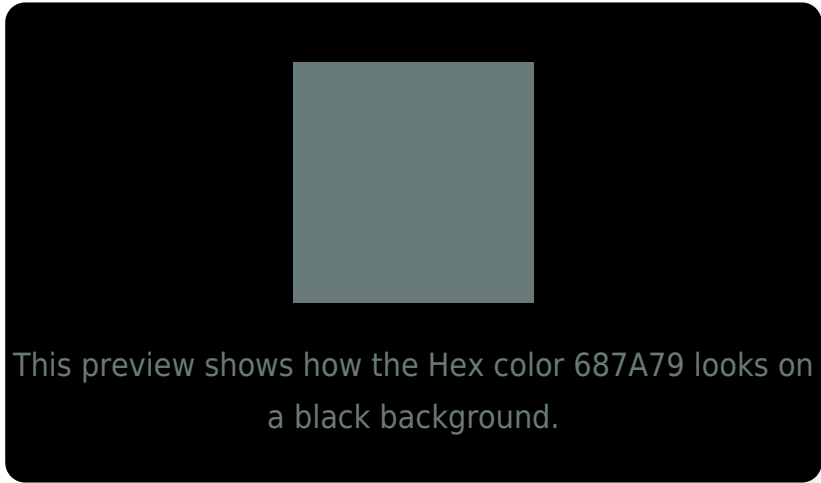
Large Text (above 18pt) WCAG AA ✓ Pass

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

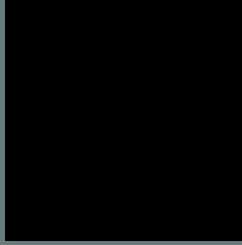
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

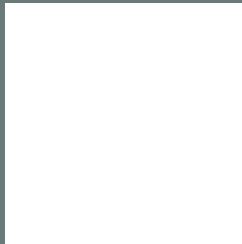
Any Text WCAG AAA × Fail

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

Hex 687A79 Background



This preview shows how black text looks on a background with the Hex color 687A79.



This preview shows how white text looks on a background with the Hex color 687A79.

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
687A79

Protanopia
787676

Deuteranopia
80737B



Tritanopia
6A7982

Trichromacy



Original Color
687A79

Protanomaly
727777

Deuteranomaly
77767A

Tritanomaly
69797F

Monochromacy



Original Color
687A79

Achromatopsia
757575

Achromatomaly
707776

CSS Examples

Text

The CSS property to change the color of the text to Hex 687A79 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 #687A79 looks like.

```
.text, #text, p{  
    color:#687A79  
}
```

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 #687A79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #687A79
}
```

Border

The CSS property to change the border of an element to Hex 687A79 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
#687A79 }
```

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

```
.border{ border-color:#687A79 }
```

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

Here you see how a box with a 4 pixel #687A79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #687A79; -webkit-box-shadow:4px 4px  
4px 4px #687A79; box-shadow:4px 4px 4px  
4px #687A79 }
```

Background

The CSS property to change the background color of an element to Hex 687A79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#687A79 }
```

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

```
.background{ background-color:#687A79 }
```

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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