

Converting Colors

Hex(688C77)

Have a look what the booklet for
Hex(688C77) contains.

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Color

Hex(688C77)

Conversions

Conversions Part 1

Format	Color
Hex	688C77
RGB	104, 140, 119
RGB Percent	41%, 55%, 47%
CMY	0.5922, 0.4510, 0.5333
CMYK	0.26, 0.00, 0.15, 0.45
HSL	145°, 15%, 48%
HSV	145°, 26%, 55%
XYZ	18.4168, 23.0311, 20.9275
YIQ	126.8420, -14.7150, -14.1630

Conversions

Conversions Part 2

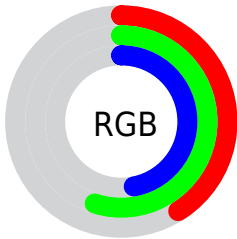
Format	Color
RYB	104, 129, 140
Decimal	6851703
CIELab	55.10, -17.15, 7.17
CIElCh	55, 18.593, 157.306
Yxy	23.0311, 0.2953, 0.3692
Android (android.graphics.Color)	4285041783 (0xFF688C77)
YUV	126.8420, -3.8661, -20.0324
Hunter-Lab	47.9908, -15.4833, 7.7387

Details

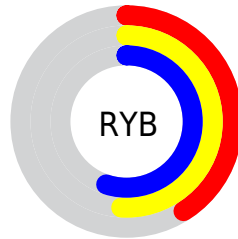
The Hex color **688C77** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8C687D**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **9CC2AB**, and **385A47** is the 20% darker color. If you saturate the color by 10%, you get **5A8C6F**, and if you desaturate by 10%, it is **768C7F**.

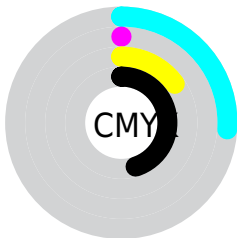
Distribution



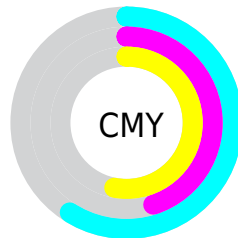
- Red (41%)
- Green (55%)
- Blue (47%)



- Red (41%)
- Yellow (51%)
- Blue (55%)



- Cyan (26%)
- Magenta (0%)
- Yellow (15%)
- Black (45%)



- Cyan (59%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 688C77 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 688C77 by changing the saturation by 10% instead.

688C77

688C77

FFFFFF

4F725E

9CC2AB

385A47

B7DEC6

214230

D3FAE2

0A2C1B

FFFFFF

001900

000000

688C77

688C77

5A8C6F

768C7F

4C8C67

848C87

■ 3E8C5F

■ 928C90

■ 308C56

■ A08C98

■ 228C4E

■ AE8CA0

■ 148C46

■ BC8CA8

■ 068C3E

■ CA8CB0

■ 008C3A

■ D88CB8

■ E68CC1

Harmonies

Analogous

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



7A896A



688C77



5A8D87

Triad

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



688C77



7684A4



A47A71

Complementary

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



688C77



8C687D

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.



A47880



688C77



8C7E9E

Square

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



688C77



6289A1



9C7A91



9B7F67

Rectangle

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



688C77



568D92



9C7A91



A57976

Sweetspot

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



688C77



A7B5AD



7D8C68



535C56



DBDBDB



5C5C5C

Same Dimension

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



688C77



7DB594



688C89



3E4541



008537



000502

Inverse Universe

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



8C687D



B57D9E



8C686B



453E42



85004D



050003

Previews

White Background



This preview shows how the Hex color 688C77 looks on a white background.

Color Contrast Check

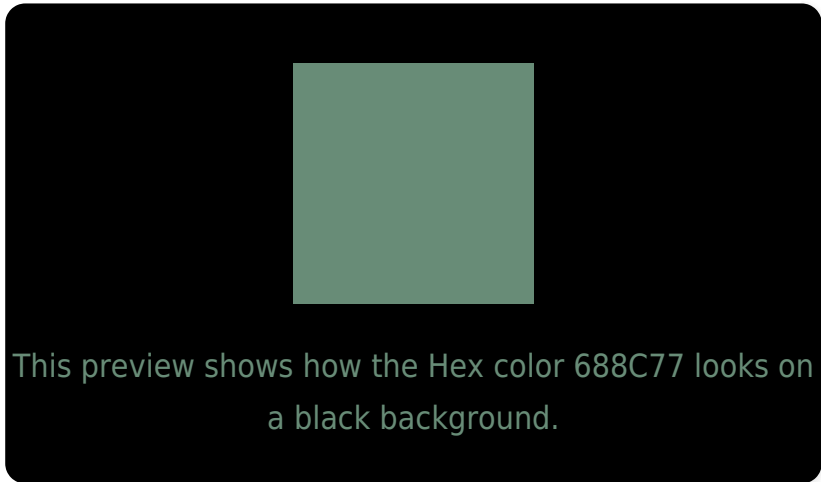
Large Text (above 18pt) WCAG AA ✓ Pass

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

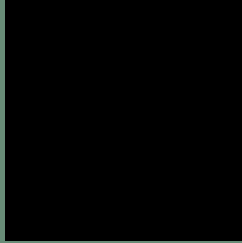
Any Text WCAG AA ✓ Pass

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 688C77 Background



This preview shows how black text looks on a background with the Hex color 688C77.

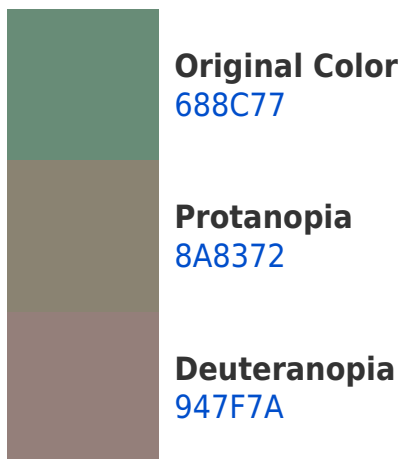



This preview shows how white text looks on a background with the Hex color 688C77.

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
6D8893

Trichromacy



Original Color
688C77

Protanomaly
7E8674

Deuteranomaly
848479

Tritanomaly
6B8989

Monochromacy



Original Color
688C77

Achromatopsia
7F7F7F

Achromatomaly
77847C

CSS Examples

Text

The CSS property to change the color of the text to Hex 688C77 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 #688C77 looks like.

```
.text, #text, p{  
    color:#688C77  
}
```

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 #688C77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #688C77  
}
```

Border

The CSS property to change the border of an element to Hex 688C77 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  
#688C77 }
```

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

```
.border{ border-color:#688C77 }
```

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

Here you see how a box with a 4 pixel #688C77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #688C77; -webkit-box-shadow:4px 4px  
4px 4px #688C77; box-shadow:4px 4px 4px  
4px #688C77 }
```

Background

The CSS property to change the background color of an element to Hex 688C77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#688C77 }
```

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

```
.background{ background-color:#688C77 }
```

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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