

Converting Colors

Hex(648F7C)

Have a look what the booklet for
Hex(648F7C) contains.

Hex(648F7C)	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(648F7C)

Conversions

Conversions Part 1

Format	Color
Hex	648F7C
RGB	100, 143, 124
RGB Percent	39%, 56%, 49%
CMY	0.6078, 0.4392, 0.5137
CMYK	0.30, 0.00, 0.13, 0.44
HSL	153°, 18%, 48%
HSV	153°, 30%, 56%
XYZ	18.7161, 23.8095, 22.6780
YIQ	127.9770, -19.5290, -15.0250

Conversions

Conversions Part 2

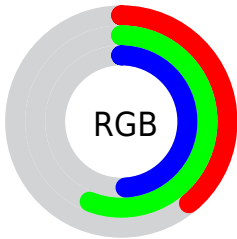
Format	Color
RYB	100, 128, 143
Decimal	6590332
CIELab	55.90, -19.01, 5.41
CIELCh	56, 19.763, 164.122
Yxy	23.8095, 0.2870, 0.3652
Android (android.graphics.Color)	4284780412 (0xFF648F7C)
YUV	127.9770, -1.9607, -24.5358
Hunter-Lab	48.7950, -16.9247, 6.6008

Details

The Hex color **648F7C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8F6477**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **98C5B0**, and **335C4B** is the 20% darker color. If you saturate the color by 10%, you get **568F76**, and if you desaturate by 10%, it is **728F82**.

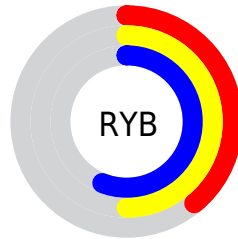
Distribution



Red (39%)

Green (56%)

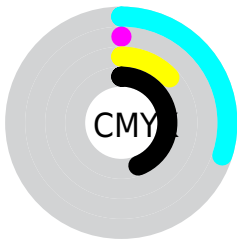
Blue (49%)



Red (39%)

Yellow (50%)

Blue (56%)

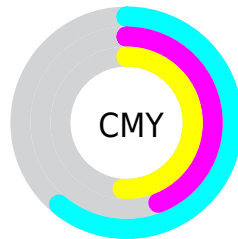


Cyan (30%)

Magenta (0%)

Yellow (13%)

Black (44%)



Cyan (61%)

Magenta (44%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 648F7C 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 648F7C by changing the saturation by 10% instead.



648F7C



648F7C

FFFFFF



4B7563



98C5B0



335C4B



B3E1CC



1B4535



CFEE8



022E1F



EBFFF



001B07



000000



648F7C



648F7C



568F76



728F82



478F6F



818F89

 398F69

 8F8F8F

 2B8F63

 9D8F95

 1C8F5C

 AB8F9C

 0E8F56

 BA8FA2

 008F50

 C88FA8

 D68FAF

 E58FB5

Harmonies

Analogous

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



778C6D



648F7C



57908E

Triad

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



648F7C



7C85A7



A67D6F

Complementary

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



648F7C



8F6477

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.



A97A7E



648F7C



937F9F

Square

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



648F7C



658AA6



A37B90



9B8265

Rectangle

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



648F7C



558F99



A37B90



A87B73

Sweetspot

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



648F7C



A9BAB3



778F64



545E5A



DEDEDE



5E5E5E

Same Dimension

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



648F7C



77BA9D



648D8F



404744



00874B



000804

Inverse Universe

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



8F6477



BA7795



8F6664



474043



87003C



080003

Previews

White Background



This preview shows how the Hex color 648F7C looks on a white background.

Color Contrast Check

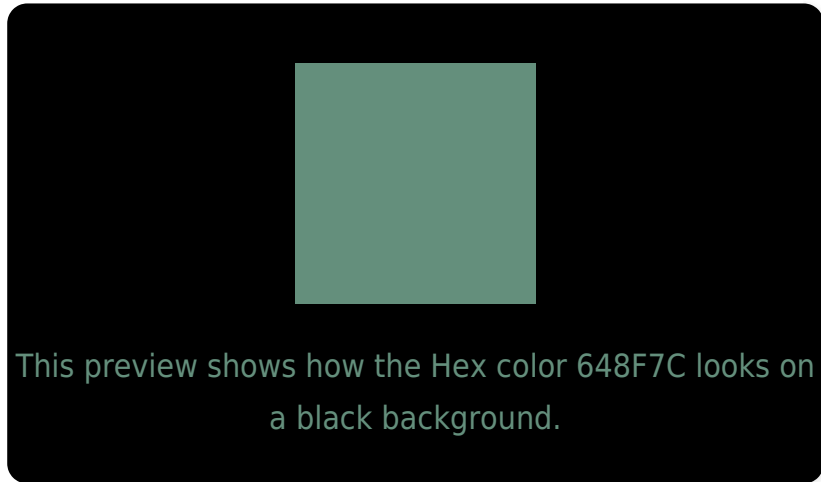
Large Text (above 18pt) WCAG AA ✓ Pass

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

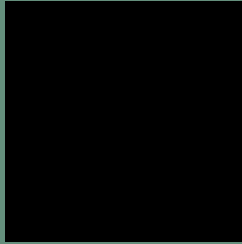
Any Text WCAG AA ✓ Pass

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 648F7C Background



This preview shows how black text looks on a background with the Hex color 648F7C.



This preview shows how white text looks on a background with the Hex color 648F7C.

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
6A8B96

Trichromacy



Original Color
648F7C

Protanomaly
7D8979

Deuteranomaly
83867E

Tritanomaly
688C8D

Monochromacy



Original Color
648F7C

Achromatopsia
808080

Achromatomaly
76857F

CSS Examples

Text

The CSS property to change the color of the text to Hex 648F7C 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 #648F7C looks like.

```
.text, #text, p{  
    color:#648F7C  
}
```

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 #648F7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #648F7C  
}
```

Border

The CSS property to change the border of an element to Hex 648F7C 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  
#648F7C }
```

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

```
.border{ border-color:#648F7C }
```

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

Here you see how a box with a 4 pixel #648F7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #648F7C; -webkit-box-shadow:4px 4px  
4px 4px #648F7C; box-shadow:4px 4px 4px  
4px #648F7C }
```

Background

The CSS property to change the background color of an element to Hex 648F7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#648F7C }
```

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

```
.background{ background-color:#648F7C }
```

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