

Converting Colors

Hex(648C7C)

Have a look what the booklet for
Hex(648C7C) contains.

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Color

Hex(648C7C)

Conversions

Conversions Part 1

Format	Color
Hex	648C7C
RGB	100, 140, 124
RGB Percent	39%, 55%, 49%
CMY	0.6078, 0.4510, 0.5137
CMYK	0.29, 0.00, 0.11, 0.45
HSL	156°, 17%, 47%
HSV	156°, 29%, 55%
XYZ	18.2717, 22.9207, 22.5299
YIQ	126.2160, -18.7040, -13.4560

Conversions

Conversions Part 2

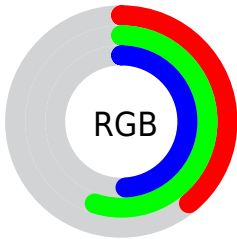
Format	Color
R_{YB}	100, 125, 140
Decimal	6589564
CIE _{Lab}	54.99, -17.42, 4.10
CIE _{LCh}	55, 17.901, 166.748
Yxy	22.9207, 0.2867, 0.3597
Android (android.graphics.Color)	4284779644 (0xFF648C7C)
YUV	126.2160, -1.0925, -22.9914
Hunter-Lab	47.8756, -15.6578, 5.6115

Details

The Hex color **648C7C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8C6474**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **98C2B0**, and **335A4B** is the 20% darker color. If you saturate the color by 10%, you get **568C76**, and if you desaturate by 10%, it is **728C82**.

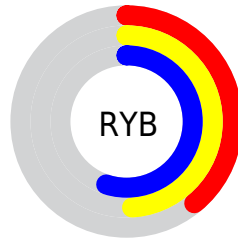
Distribution



Red (39%)

Green (55%)

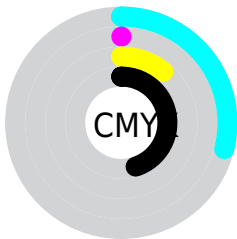
Blue (49%)



Red (39%)

Yellow (49%)

Blue (55%)

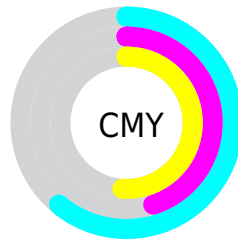


Cyan (29%)

Magenta (0%)

Yellow (11%)

Black (45%)



Cyan (61%)

Magenta (45%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 648C7C 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 648C7C by changing the saturation by 10% instead.

 648C7C

 648C7C

FFFFFF

 4B7263

 98C2B0

 335A4B

 B3DECC

 1C4235

 CFFAE8

 042C1F

 EBFFFF

 001907

 000000

 648C7C

 648C7C

 568C76

 728C82

 488C71

 808C87

 3A8C6B

 8E8C8D

 2C8C66

 9C8C92

 1E8C60

 AA8C98

 108C5A

 B88C9E

 028C55

 C68CA3

 008C54

 D48CA9

 E28CAE

Harmonies

Analogous

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



758A6E



648C7C



598C8C

Triad

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



648C7C



7D82A1



A07C6E

Complementary

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



648C7C



8C6474

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.



A4797B



648C7C



917D99

Square

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



648C7C



6987A1



9E798B



968066

Rectangle

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



648C7C



598C96



9E798B



A27A72

Sweetspot

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



648C7C



A5B5AF



748C64



525C58



DBDBDB



5C5C5C

Same Dimension

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



648C7C



77B59C



64898C



3E4542



008550



000503

Inverse Universe

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



8C6474



B57790



8C6864



453E41



850035



050002

Previews

White Background



This preview shows how the Hex color 648C7C looks on a white background.

Color Contrast Check

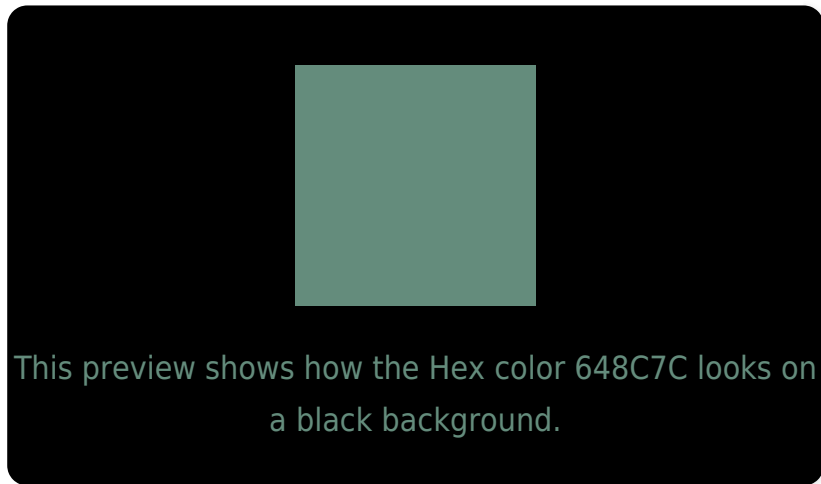
Large Text (above 18pt) WCAG AA ✓ Pass

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

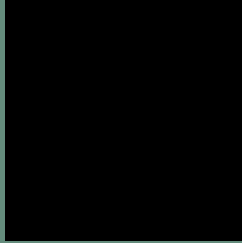
Any Text WCAG AA ✓ Pass

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 648C7C Background



This preview shows how black text looks on a background with the Hex color 648C7C.



This preview shows how white text looks on a background with the Hex color 648C7C.

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
648C7C

Protanopia
888377

Deuteranopia
917F7F



Tritanopia
698994

Trichromacy



Original Color
648C7C

Protanomaly
7B8679

Deuteranomaly
81847E

Tritanomaly
678A8B

Monochromacy



Original Color
648C7C

Achromatopsia
7E7E7E

Achromatomaly
75837D

CSS Examples

Text

The CSS property to change the color of the text to Hex 648C7C 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 #648C7C looks like.

```
.text, #text, p{  
    color:#648C7C  
}
```

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 #648C7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #648C7C
}
```

Border

The CSS property to change the border of an element to Hex 648C7C 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
#648C7C }
```

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

```
.border{ border-color:#648C7C }
```

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

Here you see how a box with a 4 pixel #648C7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #648C7C; -webkit-box-shadow:4px 4px  
4px 4px #648C7C; box-shadow:4px 4px 4px  
4px #648C7C }
```

Background

The CSS property to change the background color of an element to Hex 648C7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#648C7C }
```

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

```
.background{ background-color:#648C7C }
```

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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