

Converting Colors

Hex(648E72)

Have a look what the booklet for
Hex(648E72) contains.

Hex(648E72)	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(648E72)

Conversions

Conversions Part 1

Format	Color
Hex	648E72
RGB	100, 142, 114
RGB Percent	39%, 56%, 45%
CMY	0.6078, 0.4431, 0.5529
CMYK	0.30, 0.00, 0.20, 0.44
HSL	140°, 17%, 47%
HSV	140°, 30%, 56%
XYZ	17.9658, 23.2702, 19.4643
YIQ	126.2500, -16.0440, -17.6120

Conversions

Conversions Part 2

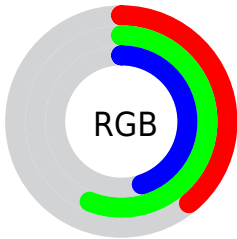
Format	Color
RYB	100, 132, 142
Decimal	6590066
CIELab	55.35, -20.59, 10.35
CIElCh	55, 23.047, 153.311
Yxy	23.2702, 0.2960, 0.3834
Android (android.graphics.Color)	4284780146 (0xFF648E72)
YUV	126.2500, -6.0392, -23.0212
Hunter-Lab	48.2392, -17.9397, 9.8442

Details

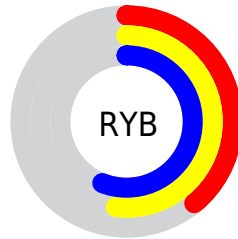
The Hex color **648E72** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8E6480**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **98C4A6**, and **335B42** is the 20% darker color. If you saturate the color by 10%, you get **568E69**, and if you desaturate by 10%, it is **728E7B**.

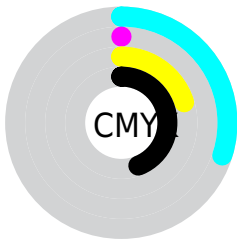
Distribution



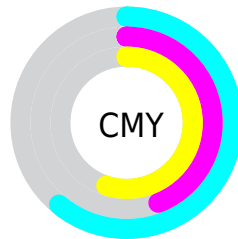
- Red (39%)
- Green (56%)
- Blue (45%)



- Red (39%)
- Yellow (52%)
- Blue (56%)



- Cyan (30%)
- Magenta (0%)
- Yellow (20%)
- Black (44%)



- Cyan (61%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 648E72 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 648E72 by changing the saturation by 10% instead.



648E72



648E72

FFFFFF



4B7459



98C4A6



335B42



B3E0C1



1C442C



CFD4DD



032D17



EBFFFA



001A00



000000



648E72



648E72



568E69



728E7B



488E5F



808E85

 398E56

 8F8E8E

 2B8E4C

 9D8E98

 1D8E43

 AB8EA1

 0F8E39

 B98EAB

 018E30

 C78EB4

 008E2F

 D68EBE

 E48EC7

Harmonies

Analogous

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



7B8A63



648E72



509086

Triad

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



648E72



6E86AC



AC7870

Complementary

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



648E72



8E6480

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.



AC7683



648E72



8A7FA6

Square

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



648E72



548BA8



A07997



A27D61

Rectangle

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



648E72



488F94



A07997



AD7776

Sweetspot

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



648E72



A7B8AD



808E64



525C55



DBDBDB



5C5C5C

Same Dimension

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



648E72



77B88D



648E87



404743



00872D



000803

Inverse Universe

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



8E6480



B877A2



8E646B



474045



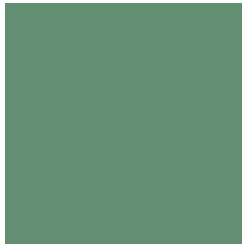
87005A



080005

Previews

White Background



This preview shows how the Hex color 648E72 looks on a white background.

Color Contrast Check

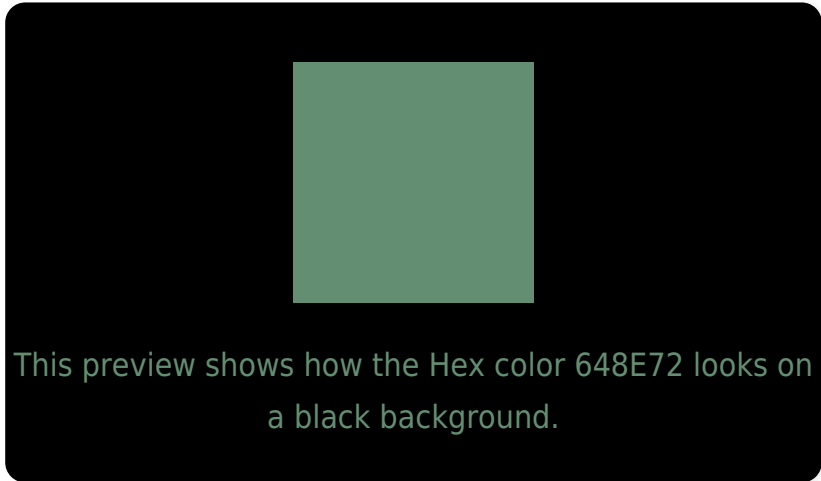
Large Text (above 18pt) WCAG AA ✓ Pass

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

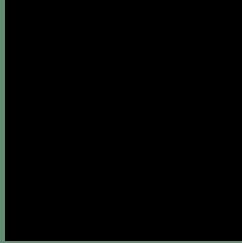
Any Text WCAG AA ✓ Pass

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 648E72 Background



This preview shows how black text looks on a background with the Hex color 648E72.



This preview shows how white text looks on a background with the Hex color 648E72.

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



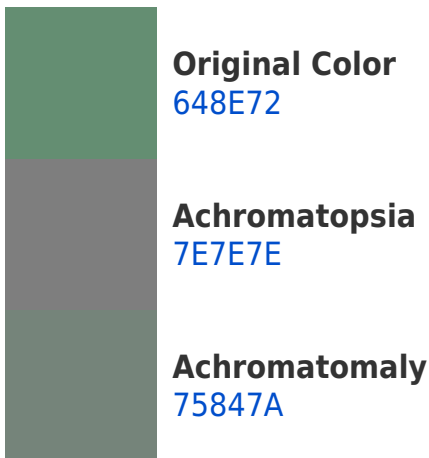


Tritanopia
6B8994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 648E72 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 #648E72 looks like.

```
.text, #text, p{  
    color:#648E72  
}
```

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 #648E72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #648E72
}
```

Border

The CSS property to change the border of an element to Hex 648E72 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
#648E72 }
```

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

```
.border{ border-color:#648E72 }
```

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

Here you see how a box with a 4 pixel #648E72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #648E72; -webkit-box-shadow:4px 4px  
4px 4px #648E72; box-shadow:4px 4px 4px  
4px #648E72 }
```

Background

The CSS property to change the background color of an element to Hex 648E72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#648E72 }
```

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

```
.background{ background-color:#648E72 }
```

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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