

Converting Colors

Hex(648A79)

Have a look what the booklet for
Hex(648A79) contains.

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Color

Hex(648A79)

Conversions

Conversions Part 1

Format	Color
Hex	648A79
RGB	100, 138, 121
RGB Percent	39%, 54%, 47%
CMY	0.6078, 0.4588, 0.5255
CMYK	0.28, 0.00, 0.12, 0.46
HSL	153°, 16%, 47%
HSV	153°, 28%, 54%
XYZ	17.7952, 22.2668, 21.4492
YIQ	124.7000, -17.1910, -13.3430

Conversions

Conversions Part 2

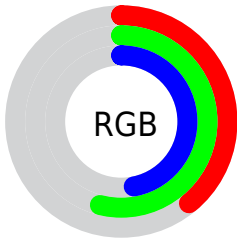
Format	Color
RYB	100, 124, 138
Decimal	6589049
CIELab	54.31, -17.02, 4.85
CIELCh	54, 17.695, 164.090
Yxy	22.2668, 0.2893, 0.3620
Android (android.graphics.Color)	4284779129 (0xFF648A79)
YUV	124.7000, -1.8241, -21.6619
Hunter-Lab	47.1877, -15.2633, 6.0811

Details

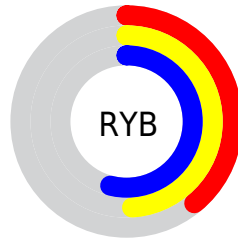
The Hex color **648A79** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8A6475**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **98C0AD**, and **345849** is the 20% darker color. If you saturate the color by 10%, you get **568A73**, and if you desaturate by 10%, it is **728A7F**.

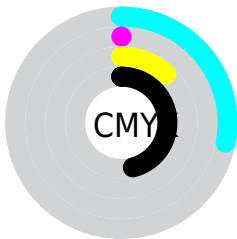
Distribution



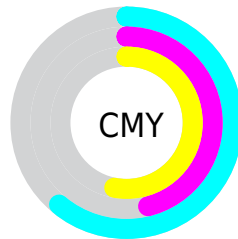
- Red (39%)
- Green (54%)
- Blue (47%)



- Red (39%)
- Yellow (49%)
- Blue (54%)



- Cyan (28%)
- Magenta (0%)
- Yellow (12%)
- Black (46%)



- Cyan (61%)
- Magenta (46%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 648A79 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 648A79 by changing the saturation by 10% instead.

■ 648A79

■ 648A79

FFFFFF

■ 4B7060

■ 98C0AD

■ 345849

■ B3DBC9

■ 1D4032

■ CEF8E5

■ 052A1D

■ EBFFFF

■ 001703

■ 000000

■ 648A79

■ 648A79

■ 568A73

■ 728A7F

■ 488A6D

■ 808A85

 3B8A66


 8D8A8C

 2D8A60

 9B8A92

 1F8A5A

 A98A98

 118A54

 B78A9E

 038A4E

 C58AA4

 008A4C

 D28AAA

 E08AB1

Harmonies

Analogous

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



75876C



648A79



598B89

Triad

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



648A79



7A819F



9F7A6D

Complementary

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



648A79



8A6475

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.



A1777B



648A79



8D7C98

Square

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



648A79



66869F



9B788B



957E65

Rectangle

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



648A79



578A92



9B788B



A17871

Sweetspot

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



648A79



A4B3AC



758A64



505955



D9D9D9



595959

Same Dimension

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



648A79



78B398



64888A



3E4542



008549



000503

Inverse Universe

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



8A6475



B37892



8A6664



453E41



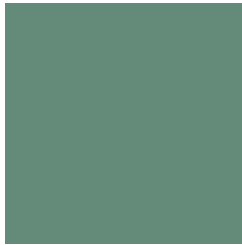
85003B



050002

Previews

White Background



This preview shows how the Hex color 648A79 looks on a white background.

Color Contrast Check

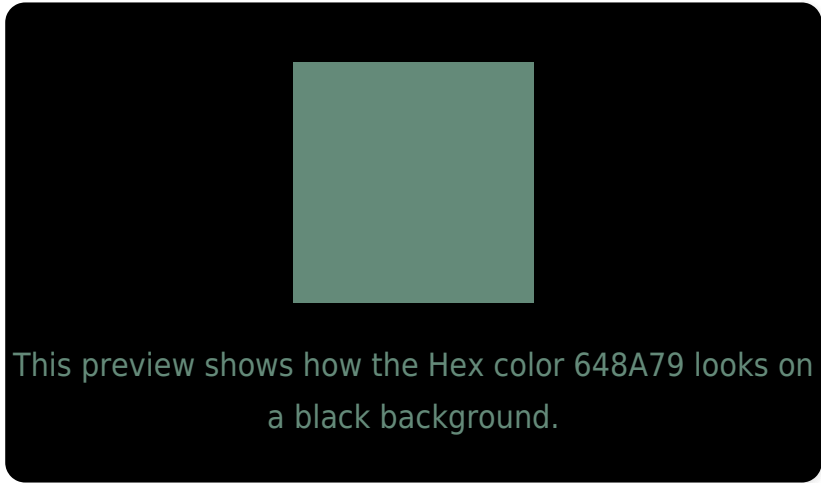
Large Text (above 18pt) WCAG AA ✓ Pass

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

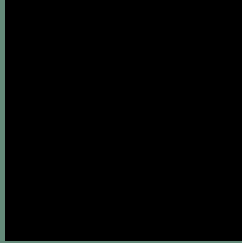
Any Text WCAG AA ✓ Pass

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 648A79 Background



This preview shows how black text looks on a background with the Hex color 648A79.



This preview shows how white text looks on a background with the Hex color 648A79.

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
698791

Trichromacy



Original Color
648A79

Protanomaly
7A8476

Deuteranomaly
80827B

Tritanomaly
678888

Monochromacy



Original Color
648A79

Achromatopsia
7D7D7D

Achromatomaly
74827C

CSS Examples

Text

The CSS property to change the color of the text to Hex 648A79 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 #648A79 looks like.

```
.text, #text, p{  
    color:#648A79  
}
```

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 #648A79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #648A79
}
```

Border

The CSS property to change the border of an element to Hex 648A79 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
#648A79 }
```

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

```
.border{ border-color:#648A79 }
```

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

Here you see how a box with a 4 pixel #648A79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #648A79; -webkit-box-shadow:4px 4px  
4px 4px #648A79; box-shadow:4px 4px 4px  
4px #648A79 }
```

Background

The CSS property to change the background color of an element to Hex 648A79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#648A79 }
```

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

```
.background{ background-color:#648A79 }
```

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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