

Converting Colors

Hex(648C84)

Have a look what the booklet for
Hex(648C84) contains.

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Color

Hex(648C84)

Conversions

Conversions Part 1

Format	Color
Hex	648C84
RGB	100, 140, 132
RGB Percent	39%, 55%, 52%
CMY	0.6078, 0.4510, 0.4824
CMYK	0.29, 0.00, 0.06, 0.45
HSL	168°, 17%, 47%
HSV	168°, 29%, 55%
XYZ	18.7985, 23.1314, 25.3038
YIQ	127.1280, -21.2720, -10.9680

Conversions

Conversions Part 2

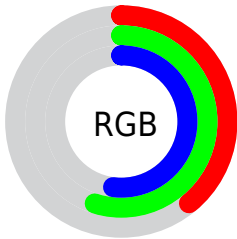
Format	Color
R_{YB}	100, 122, 140
Decimal	6589572
CIE _{Lab}	55.21, -15.61, -0.19
CIE _{LCh}	55, 15.614, 180.700
Y _{xy}	23.1314, 0.2796, 0.3440
Android (android.graphics.Color)	4284779652 (0xFF648C84)
YUV	127.1280, 2.4019, -23.7913
Hunter-Lab	48.0952, -14.3980, 2.4729

Details

The Hex color **648C84** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8C646C**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **98C2B9**, and **335A53** is the 20% darker color. If you saturate the color by 10%, you get **568C81**, and if you desaturate by 10%, it is **728C87**.

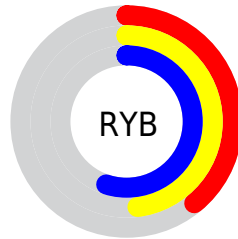
Distribution



Red (39%)

Green (55%)

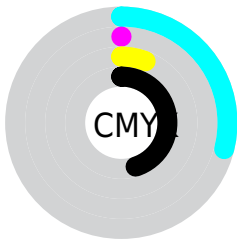
Blue (52%)



Red (39%)

Yellow (48%)

Blue (55%)

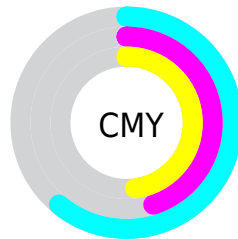


Cyan (29%)

Magenta (0%)

Yellow (6%)

Black (45%)



Cyan (61%)

Magenta (45%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 648C84 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 648C84 by changing the saturation by 10% instead.



648C84



648C84

FFFFFF



4B726B



98C2B9



335A53



B3DED5



1C423C



CFFAF1



032C26



EBFFFF



001911



000000



648C84



648C84



568C81



728C87



488C7E



808C8A

 3A8C7C

 8E8C8C

 2C8C79

 9C8C8F

 1E8C76

 AA8C92

 108C73

 B88C95

 028C70

 C68C98

 008C70

 D48C9A

 E28C9D

Harmonies

Analogous

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



708B77



648C84



608C91

Triad

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



648C84



87819B



9A7F6D

Complementary

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



648C84



8C646C

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.



A07C77



648C84



967D92

Square

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



648C84



75859F



9F7B84



8E8369

Rectangle

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



648C84



638A99



9F7B84



9D7E70

Sweetspot

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



648C84



A5B5B2



6C8C64



525C5A



DBDBDB



5C5C5C

Same Dimension

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



648C84



77B5A9



64808C



3E4543



00856A



000504

Inverse Universe

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



8C646C



B57784



8C7064



453E3F



85001B



050001

Previews

White Background



This preview shows how the Hex color 648C84 looks on a white background.

Color Contrast Check

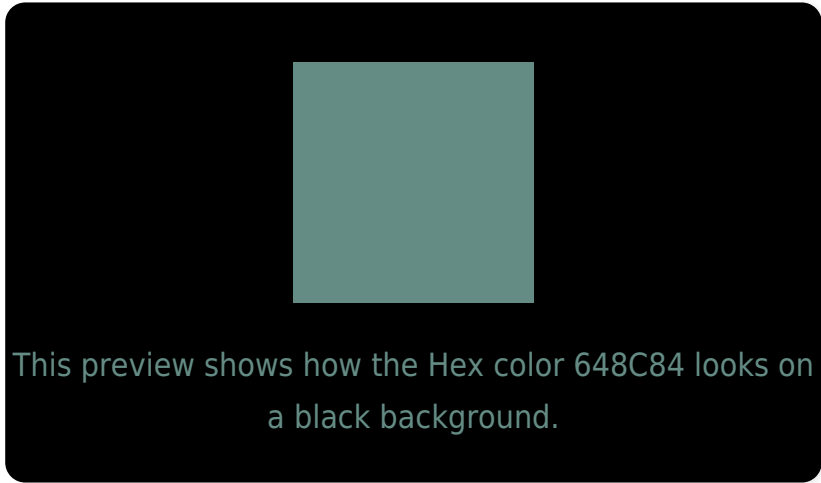
Large Text (above 18pt) WCAG AA ✓ Pass

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

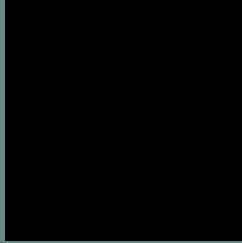
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

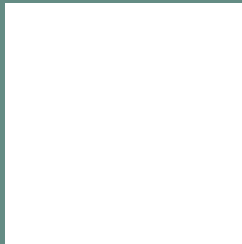
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 648C84 Background



This preview shows how black text looks on a background with the Hex color 648C84.

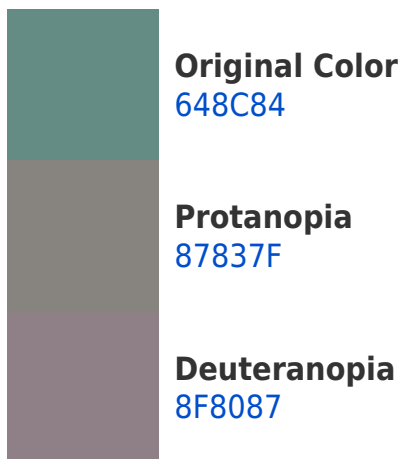



This preview shows how white text looks on a background with the Hex color 648C84.

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
688A95

Trichromacy



Original Color
648C84

Protanomaly
7A8681

Deuteranomaly
7F8486

Tritanomaly
678B8F

Monochromacy



Original Color
648C84

Achromatopsia
7F7F7F

Achromatomaly
758481

CSS Examples

Text

The CSS property to change the color of the text to Hex 648C84 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 #648C84 looks like.

```
.text, #text, p{  
    color:#648C84  
}
```

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 #648C84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #648C84
}
```

Border

The CSS property to change the border of an element to Hex 648C84 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
#648C84 }
```

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

```
.border{ border-color:#648C84 }
```

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

Here you see how a box with a 4 pixel #648C84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #648C84; -webkit-box-shadow:4px 4px  
4px 4px #648C84; box-shadow:4px 4px 4px  
4px #648C84 }
```

Background

The CSS property to change the background color of an element to Hex 648C84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#648C84 }
```

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

```
.background{ background-color:#648C84 }
```

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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