

Converting Colors

Hex(668A74)

Have a look what the booklet for
Hex(668A74) contains.

Hex(668A74)	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(668A74)

Conversions

Conversions Part 1

Format	Color
Hex	668A74
RGB	102, 138, 116
RGB Percent	40%, 54%, 45%
CMY	0.6000, 0.4588, 0.5451
CMYK	0.26, 0.00, 0.16, 0.46
HSL	143°, 15%, 47%
HSV	143°, 26%, 54%
XYZ	17.7204, 22.2627, 19.8862
YIQ	124.7280, -14.3940, -14.4740

Conversions

Conversions Part 2

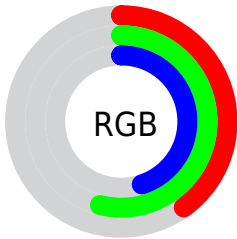
Format	Color
RYB	102, 128, 138
Decimal	6720116
CIELab	54.30, -17.40, 7.74
CIElCh	54, 19.045, 156.015
Yxy	22.2627, 0.2960, 0.3719
Android (android.graphics.Color)	4284910196 (0xFF668A74)
YUV	124.7280, -4.3029, -19.9325
Hunter-Lab	47.1834, -15.5328, 8.0397

Details

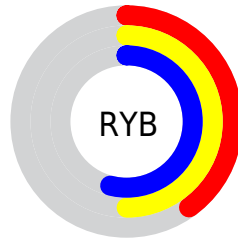
The Hex color **668A74** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8A667C**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **9AC0A8**, and **365844** is the 20% darker color. If you saturate the color by 10%, you get **588A6C**, and if you desaturate by 10%, it is **748A7C**.

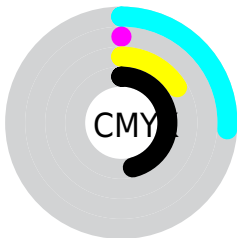
Distribution



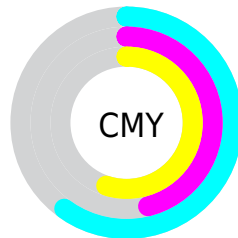
- Red (40%)
- Green (54%)
- Blue (45%)



- Red (40%)
- Yellow (50%)
- Blue (54%)



- Cyan (26%)
- Magenta (0%)
- Yellow (16%)
- Black (46%)



- Cyan (60%)
- Magenta (46%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 668A74 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 668A74 by changing the saturation by 10% instead.



668A74



668A74

FFFFFF



4D705B



9AC0A8



365844



B5DBC3



1F402E



D1F8DF



082A19



EDFFFC



001700



000000



668A74



668A74



588A6C



748A7C



4A8A63



828A85

 3D8A5B

 8F8A8D

 2F8A52

 9D8A96

 218A4A

 AB8A9E

 138A41

 B98AA7

 058A39

 C78AAF

 008A36

 D48AB7

 E28AC0

Harmonies

Analogous

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



798767



668A74



578B85

Triad

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



668A74



7382A2



A2786F

Complementary

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



668A74



8A667C

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.



A3767F



668A74



897D9C

Square

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



668A74



5E879F



9A7890



9A7C64

Rectangle

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



668A74



538B90



9A7890



A47774

Sweetspot

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



668A74



A4B3AA



7C8A66



505954



D9D9D9



595959

Same Dimension

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



668A74



7BB391



668A86



3E4541



008534



000502

Inverse Universe

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



8A667C



B37B9D



8A666A



453E42



850051



050003

Previews

White Background



This preview shows how the Hex color 668A74 looks on a white background.

Color Contrast Check

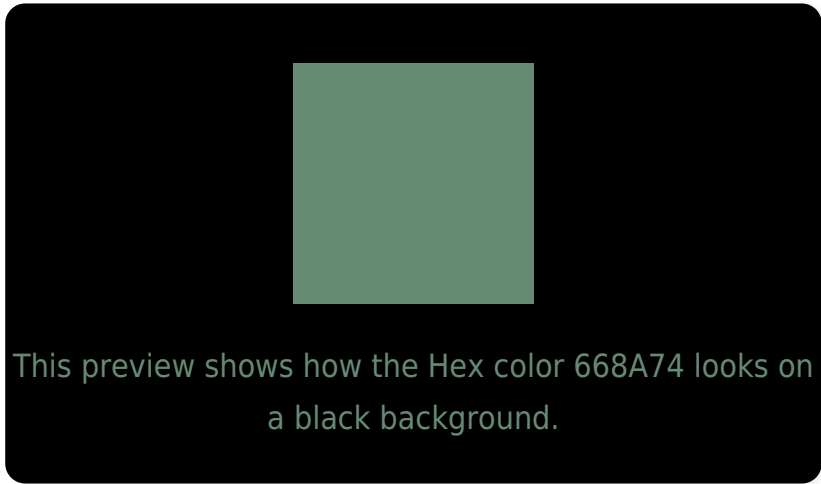
Large Text (above 18pt) WCAG AA ✓ Pass

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

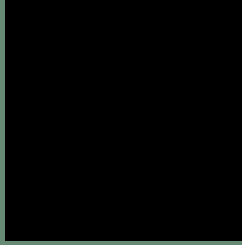
Any Text WCAG AA ✓ Pass

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 668A74 Background



This preview shows how black text looks on a background with the Hex color 668A74.



This preview shows how white text looks on a background with the Hex color 668A74.

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
668A74

Protanopia
88816F

Deuteranopia
927D77



Tritanopia
6C8691

Trichromacy



Original Color
668A74

Protanomaly
7C8471

Deuteranomaly
828276

Tritanomaly
6A8786

Monochromacy



Original Color
668A74

Achromatopsia
7D7D7D

Achromatomaly
75827A

CSS Examples

Text

The CSS property to change the color of the text to Hex 668A74 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 #668A74 looks like.

```
.text, #text, p{  
    color:#668A74  
}
```

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 #668A74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #668A74
}
```

Border

The CSS property to change the border of an element to Hex 668A74 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
#668A74 }
```

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

```
.border{ border-color:#668A74 }
```

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

Here you see how a box with a 4 pixel #668A74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #668A74; -webkit-box-shadow:4px 4px  
4px 4px #668A74; box-shadow:4px 4px 4px  
4px #668A74 }
```

Background

The CSS property to change the background color of an element to Hex 668A74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#668A74 }
```

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

```
.background{ background-color:#668A74 }
```

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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