

# Converting Colors

Hex(668A6B)

Have a look what the booklet for  
Hex(668A6B) contains.

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# Color

Hex(668A6B)

# Conversions

## Conversions Part 1

Format	Color
Hex	668A6B
RGB	102, 138, 107
RGB Percent	40%, 54%, 42%
CMY	0.6000, 0.4588, 0.5804
CMYK	0.26, 0.00, 0.22, 0.46
HSL	128°, 15%, 47%
HSV	128°, 26%, 54%
XYZ	17.2218, 22.0633, 17.2609
YIQ	123.7020, -11.5050, -17.2730

# Conversions

## Conversions Part 2

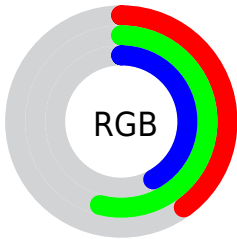
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 134, 138
Decimal	6720107
CIE <sub>Lab</sub>	54.09, -19.20, 12.61
CIE <sub>LCh</sub>	54, 22.968, 146.701
Yxy	22.0633, 0.3046, 0.3902
Android (android.graphics.Color)	4284910187 (0xFF668A6B)
YUV	123.7020, -8.2341, -19.0327
Hunter-Lab	46.9716, -16.7544, 11.0925

# Details

The Hex color **668A6B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8A6685**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **9AC09E**, and **36583C** is the 20% darker color. If you saturate the color by 10%, you get **588A5F**, and if you desaturate by 10%, it is **748A77**.

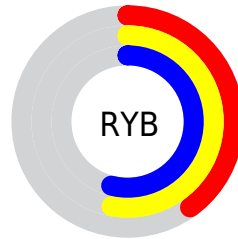
# Distribution



Red (40%)

Green (54%)

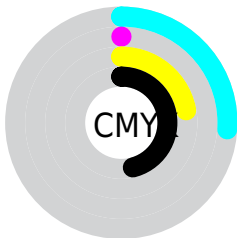
Blue (42%)



Red (40%)

Yellow (53%)

Blue (54%)

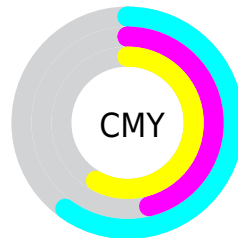


Cyan (26%)

Magenta (0%)

Yellow (22%)

Black (46%)



Cyan (60%)

Magenta (46%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 668A6B 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 668A6B by changing the saturation by 10% instead.





668A6B



668A6B

FFFFFF



4D7053



9AC09E



36583C



B5DCB9



1F4026



D1F8D5



082A11



EDFFF2



001700



000000



668A6B



668A6B



588A5F



748A77



4A8A53



828A83

 3D8A47

 8F8A8F

 2F8A3B

 9D8A9B

 218A30

 AB8AA6

 138A24

 B98AB2

 058A18

 C78ABE

 008A13

 D48ACA

 E28AD6

# Harmonies

## Analogous

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



7D865E



668A6B



508C7E

# Triad

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



668A6B



6584A8



A97470

# Complementary

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



668A6B



8A6685

# 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.



A67384



668A6B



817DA5

# Square

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



668A6B



4C89A2



997797



A17961

# Rectangle

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



668A6B



468C8C



997797



A97377



# Sweetspot

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



668A6B



A4B3A6



858A66



505952



D9D9D9



595959



# Same Dimension

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



668A6B



7BB383



668A7D



3E453F



008512



000501



# Inverse Universe

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



8A6685



B37BAB



8A6673



453E44



850072



050004



# Previews

## White Background



This preview shows how the Hex color 668A6B looks on a white background.

## Color Contrast Check

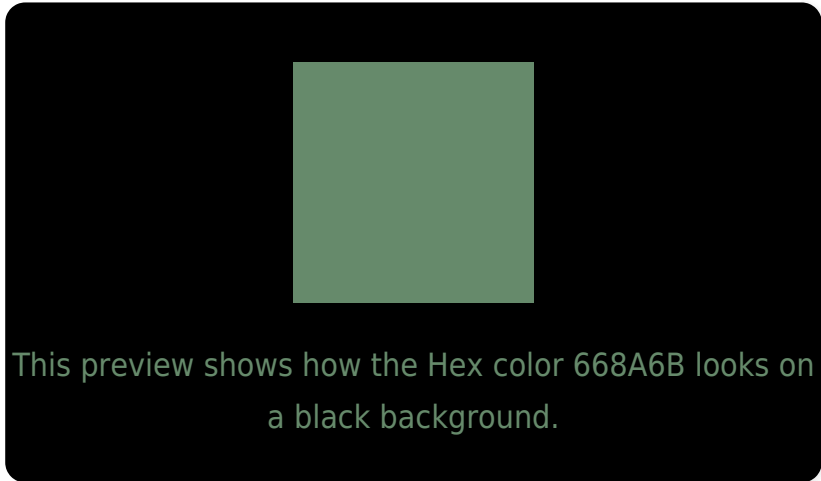
Large Text (above 18pt) WCAG AA ✓ Pass

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

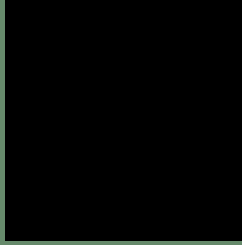
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 668A6B Background



This preview shows how black text looks on a background with the Hex color 668A6B.



This preview shows how white text looks on a background with the Hex color 668A6B.

# 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



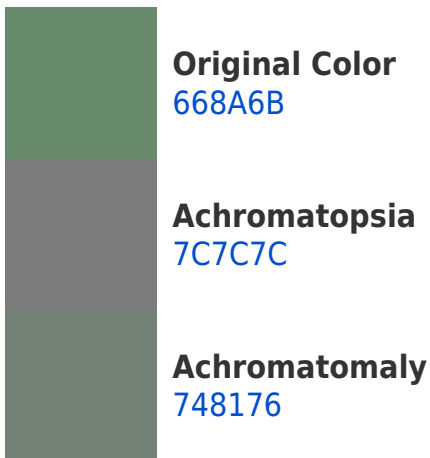


**Tritanopia**  
6D8590

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 668A6B 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 #668A6B looks like.

```
.text, #text, p{  
    color:#668A6B  
}
```

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 #668A6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #668A6B
}
```

## Border

The CSS property to change the border of an element to Hex 668A6B 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
#668A6B }
```

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

```
.border{ border-color:#668A6B }
```

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

Here you see how a box with a 4 pixel #668A6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #668A6B; -webkit-box-shadow:4px 4px  
4px 4px #668A6B; box-shadow:4px 4px 4px  
4px #668A6B }
```

# Background

The CSS property to change the background color of an element to Hex 668A6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#668A6B }
```

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

```
.background{ background-color:#668A6B }
```

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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