

# Converting Colors

Hex(668B66)

Have a look what the booklet for  
Hex(668B66) contains.

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# Color

Hex(668B66)

# Conversions

## Conversions Part 1

Format	Color
Hex	668B66
RGB	102, 139, 102
RGB Percent	40%, 55%, 40%
CMY	0.6000, 0.4549, 0.6000
CMYK	0.27, 0.00, 0.27, 0.45
HSL	120°, 15%, 47%
HSV	120°, 27%, 55%
XYZ	17.1104, 22.2493, 15.9631
YIQ	123.7190, -10.1750, -19.3510

# Conversions

## Conversions Part 2

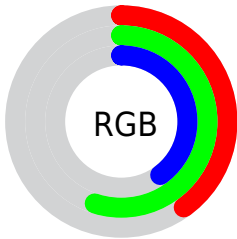
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 139, 139
Decimal	6720358
CIELab	54.29, -20.66, 15.73
CIELCh	54, 25.964, 142.705
Yxy	22.2493, 0.3093, 0.4022
Android (android.graphics.Color)	4284910438 (0xFF668B66)
YUV	123.7190, -10.7075, -19.0476
Hunter-Lab	47.1692, -17.7961, 12.9534

# Details

The Hex color **668B66** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8B668B**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **9AC199**, and **365937** is the 20% darker color. If you saturate the color by 10%, you get **588B58**, and if you desaturate by 10%, it is **748B74**.

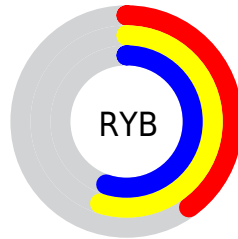
# Distribution



Red (40%)

Green (55%)

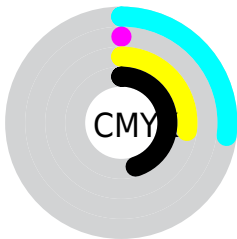
Blue (40%)



Red (40%)

Yellow (55%)

Blue (55%)

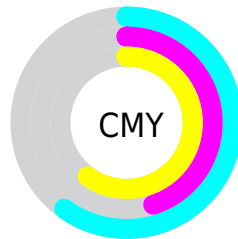


Cyan (27%)

Magenta (0%)

Yellow (27%)

Black (45%)



Cyan (60%)

Magenta (45%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 668B66 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 668B66 by changing the saturation by 10% instead.



668B66

668B66

FFFFFF

4D714E

9AC199

365937

B5DDB4

1E4121

D1F9D0

072B0C

EDFFEC

001800

000000

668B66

668B66

588B58

748B74

4A8B4A

828B82

 3C8B3C

 908B90

 2E8B2E

 9E8B9E

 218B21

 AB8BAB

 138B13

 B98BB9

 058B05

 C78BC7

 008B00

 D58BD5

 E38BE3

# Harmonies

## Analogous

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



808658



668B66



4C8E7B

# Triad

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



668B66



5C86AE



AE7272

# Complementary

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



668B66



8B668B

# 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.



AA7188



668B66



7D7EAB

# Square

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



668B66



3E8BA5



99769D



A7775F

# Rectangle

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



668B66



3D8E8B



99769D



AE7179



# Sweetspot

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



668B66



A7B5A7



8B8B66



535C53



DBDBDB



5C5C5C



# Same Dimension

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



668B66



7BB57B



668B79



3E453E



008500



000500



# Inverse Universe

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



8B668B



B57BB5



8B6679



453E45



850085



050005



# Previews

## White Background



This preview shows how the Hex color 668B66 looks on a white background.

## Color Contrast Check

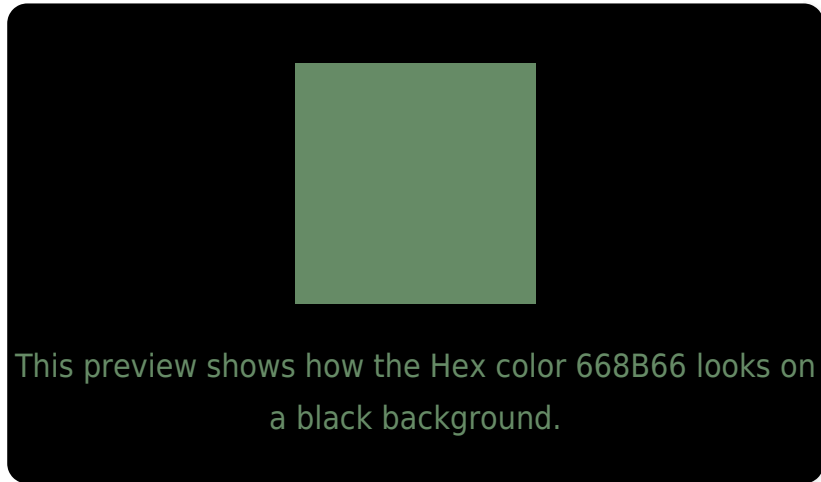
Large Text (above 18pt) WCAG AA ✓ Pass

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

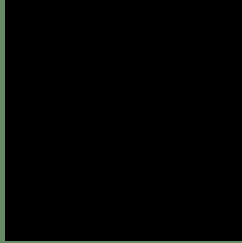
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 668B66 Background



This preview shows how black text looks on a background with the Hex color 668B66.



This preview shows how white text looks on a background with the Hex color 668B66.

# 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**  
6E8590

# Trichromacy



**Original Color**  
668B66

**Protanomaly**  
7E8563

**Deuteranomaly**  
858168

**Tritanomaly**  
6B8781

# Monochromacy



**Original Color**  
668B66

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
748174

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 668B66 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 #668B66 looks like.

```
.text, #text, p{  
    color:#668B66  
}
```

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 #668B66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #668B66
}
```

## Border

The CSS property to change the border of an element to Hex 668B66 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
#668B66 }
```

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

```
.border{ border-color:#668B66 }
```

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

Here you see how a box with a 4 pixel #668B66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #668B66; -webkit-box-shadow:4px 4px  
4px 4px #668B66; box-shadow:4px 4px 4px  
4px #668B66 }
```

# Background

The CSS property to change the background color of an element to Hex 668B66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#668B66 }
```

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

```
.background{ background-color:#668B66 }
```

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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