

Converting Colors

Hex(668B71)

Have a look what the booklet for
Hex(668B71) contains.

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Color

Hex(668B71)

Conversions

Conversions Part 1

Format	Color
Hex	668B71
RGB	102, 139, 113
RGB Percent	40%, 55%, 44%
CMY	0.6000, 0.4549, 0.5569
CMYK	0.27, 0.00, 0.19, 0.45
HSL	138°, 15%, 47%
HSV	138°, 27%, 55%
XYZ	17.6927, 22.4823, 19.0298
YIQ	124.9730, -13.7060, -15.9300

Conversions

Conversions Part 2

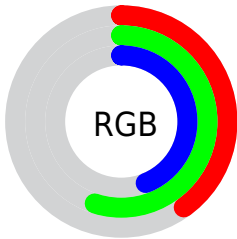
Format	Color
RYB	102, 131, 139
Decimal	6720369
CIELab	54.54, -18.54, 9.79
CIELCh	55, 20.968, 152.162
Yxy	22.4823, 0.2988, 0.3797
Android (android.graphics.Color)	4284910449 (0xFF668B71)
YUV	124.9730, -5.9027, -20.1473
Hunter-Lab	47.4155, -16.3711, 9.3953

Details

The Hex color **668B71** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8B6680**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **9AC1A5**, and **365941** is the 20% darker color. If you saturate the color by 10%, you get **588B67**, and if you desaturate by 10%, it is **748B7B**.

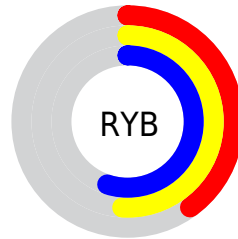
Distribution



Red (40%)

Green (55%)

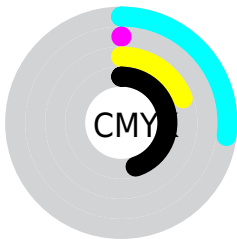
Blue (44%)



Red (40%)

Yellow (51%)

Blue (55%)

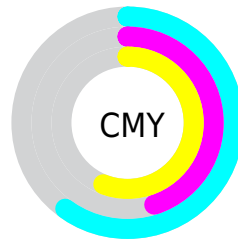


Cyan (27%)

Magenta (0%)

Yellow (19%)

Black (45%)



Cyan (60%)

Magenta (45%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 668B71 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 668B71 by changing the saturation by 10% instead.



668B71



668B71

FFFFFF



4D7159



9AC1A5



365941



B5DDC0



1F412B



D1F9DC



072B16



EDFFF8



001800



000000



668B71



668B71



588B67



748B7B



4A8B5D



828B85

 3C8B54

 908B8E

 2E8B4A

 9E8B98

 218B40

 AB8BA2

 138B36

 B98BAC

 058B2D

 C78BB5

 008B29

 D58BBF

 E38BC9

Harmonies

Analogous

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



7B8763



668B71



548D83

Triad

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



668B71



6E84A6



A77770

Complementary

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



668B71



8B6680

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.



A67582



668B71



877DA1

Square

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



668B71



5789A2



9B7894



9E7C63

Rectangle

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



668B71



4D8C8F



9B7894



A77676

Sweetspot

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



668B71



A7B5AB



818B66



535C55



DBDBDB



5C5C5C

Same Dimension

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



668B71



7BB58C



668B83



3E4540



008527



000502

Inverse Universe

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



8B6680



B57BA4



8B666E



453E43



85005D



050004

Previews

White Background



This preview shows how the Hex color 668B71 looks on a white background.

Color Contrast Check

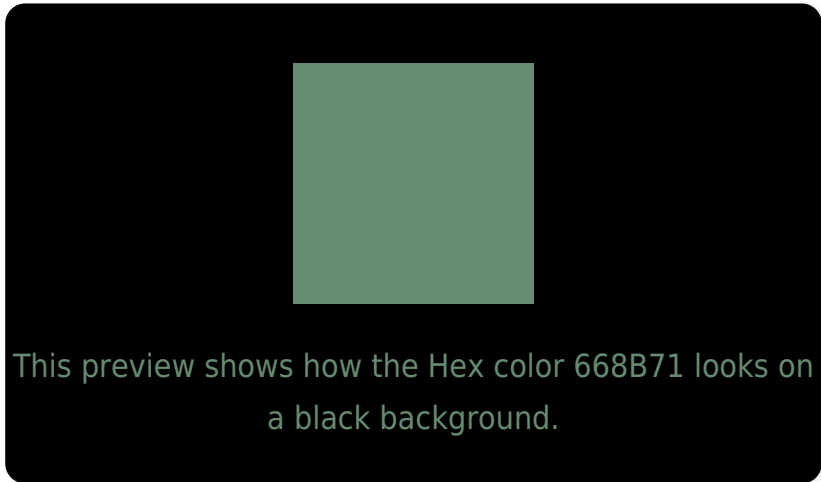
Large Text (above 18pt) WCAG AA ✓ Pass

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

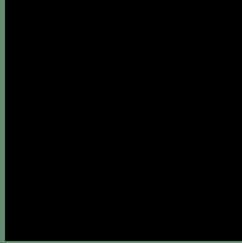
Any Text WCAG AA ✓ Pass

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 668B71 Background



This preview shows how black text looks on a background with the Hex color 668B71.



This preview shows how white text looks on a background with the Hex color 668B71.

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
668B71

Protanopia
89826C

Deuteranopia
947D74



Tritanopia
6C8791

Trichromacy



Original Color
668B71

Protanomaly
7C856E

Deuteranomaly
838273

Tritanomaly
6A8885

Monochromacy



Original Color
668B71

Achromatopsia
7D7D7D

Achromatomaly
758279

CSS Examples

Text

The CSS property to change the color of the text to Hex 668B71 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 #668B71 looks like.

```
.text, #text, p{  
    color:#668B71  
}
```

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 #668B71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #668B71
}
```

Border

The CSS property to change the border of an element to Hex 668B71 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
#668B71 }
```

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

```
.border{ border-color:#668B71 }
```

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

Here you see how a box with a 4 pixel #668B71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #668B71; -webkit-box-shadow:4px 4px  
4px 4px #668B71; box-shadow:4px 4px 4px  
4px #668B71 }
```

Background

The CSS property to change the background color of an element to Hex 668B71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#668B71 }
```

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

```
.background{ background-color:#668B71 }
```

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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