

Converting Colors

Hex(668B75)

Have a look what the booklet for
Hex(668B75) contains.

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Color

Hex(668B75)

Conversions

Conversions Part 1

Format	Color
Hex	668B75
RGB	102, 139, 117
RGB Percent	40%, 55%, 46%
CMY	0.6000, 0.4549, 0.5412
CMYK	0.27, 0.00, 0.16, 0.45
HSL	144°, 15%, 47%
HSV	144°, 27%, 55%
XYZ	17.9230, 22.5744, 20.2423
YIQ	125.4290, -14.9900, -14.6860

Conversions

Conversions Part 2

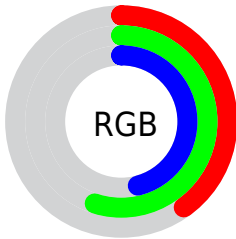
Format	Color
RYB	102, 128, 139
Decimal	6720373
CIELab	54.63, -17.72, 7.63
CIELCh	55, 19.296, 156.704
Yxy	22.5744, 0.2951, 0.3717
Android (android.graphics.Color)	4284910453 (0xFF668B75)
YUV	125.4290, -4.1555, -20.5472
Hunter-Lab	47.5125, -15.8119, 7.9988

Details

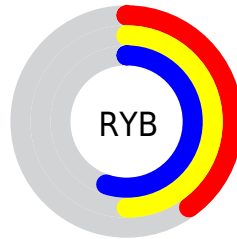
The Hex color **668B75** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8B667C**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **9AC1A9**, and **365945** is the 20% darker color. If you saturate the color by 10%, you get **588B6D**, and if you desaturate by 10%, it is **748B7D**.

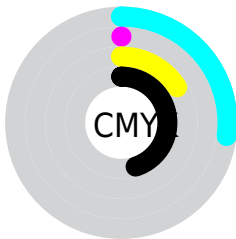
Distribution



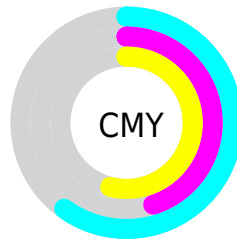
- Red (40%)
- Green (55%)
- Blue (46%)



- Red (40%)
- Yellow (50%)
- Blue (55%)



- Cyan (27%)
- Magenta (0%)
- Yellow (16%)
- Black (45%)



- Cyan (60%)
- Magenta (45%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 668B75 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 668B75 by changing the saturation by 10% instead.



668B75



668B75

FFFFFF



4D715C



9AC1A9



365945



B5DDC4



1F412F



D1F9E0



072B1A



EDFFFD



001800



000000



668B75



668B75



588B6D



748B7D



4A8B64



828B86

■ 3C8B5C

■ 908B8E

■ 2E8B54

■ 9E8B96

■ 218B4C

■ AB8B9E

■ 138B43

■ B98BA7

■ 058B3B

■ C78BAF

■ 008B38

■ D58BB7

■ E38BBF

Harmonies

Analogous

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



798868



668B75



578C86

Triad

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



668B75



7483A4



A47970

Complementary

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



668B75



8B667C

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.



A4777F



668B75



8A7D9D

Square

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



668B75



5E88A1



9B7890



9A7D65

Rectangle

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



668B75



538C91



9B7890



A57874

Sweetspot

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



668B75



A7B5AC



7C8B66



535C56



DBDBDB



5C5C5C

Same Dimension

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



668B75



7BB593



668B87



3E4541



008536



000502

Inverse Universe

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



8B667C



B57B9E



8B666A



453E42



85004F



050003

Previews

White Background



This preview shows how the Hex color 668B75 looks on a white background.

Color Contrast Check

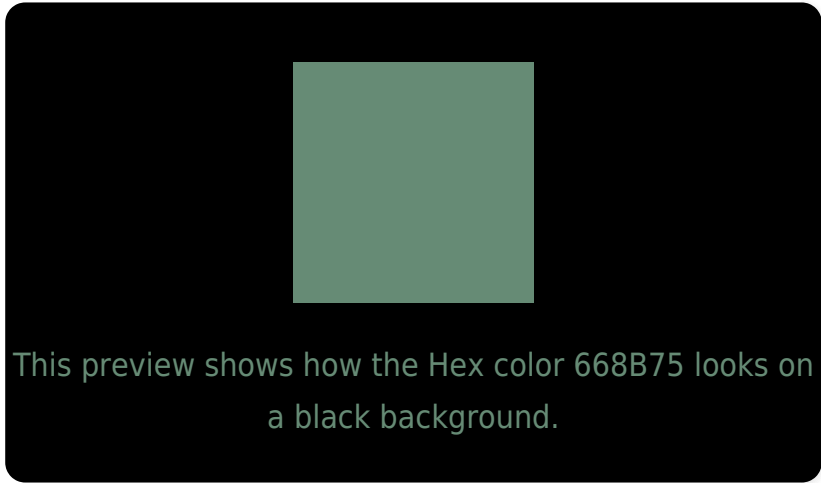
Large Text (above 18pt) WCAG AA ✓ Pass

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

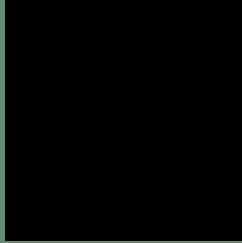
Any Text WCAG AA ✓ Pass

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 668B75 Background



This preview shows how black text looks on a background with the Hex color 668B75.



This preview shows how white text looks on a background with the Hex color 668B75.

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
6C8792

Trichromacy



Original Color
668B75

Protanomaly
7C8572

Deuteranomaly
838377

Tritanomaly
6A8887

Monochromacy



Original Color
668B75

Achromatopsia
7D7D7D

Achromatomaly
75827A

CSS Examples

Text

The CSS property to change the color of the text to Hex 668B75 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 #668B75 looks like.

```
.text, #text, p{  
    color:#668B75  
}
```

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 #668B75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #668B75  
}
```

Border

The CSS property to change the border of an element to Hex 668B75 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  
#668B75 }
```

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

```
.border{ border-color:#668B75 }
```

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

Here you see how a box with a 4 pixel #668B75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #668B75; -webkit-box-shadow:4px 4px  
4px 4px #668B75; box-shadow:4px 4px 4px  
4px #668B75 }
```

Background

The CSS property to change the background color of an element to Hex 668B75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#668B75 }
```

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

```
.background{ background-color:#668B75 }
```

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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