

Converting Colors

Hex(668B81)

Have a look what the booklet for
Hex(668B81) contains.

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Color

Hex(668B81)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 668B81 |
| RGB | 102, 139, 129 |
| RGB Percent | 40%, 55%, 51% |
| CMY | 0.6000, 0.4549, 0.4941 |
| CMYK | 0.27, 0.00, 0.07, 0.45 |
| HSL | 164°, 15%, 47% |
| HSV | 164°, 27%, 55% |
| XYZ | 18.6746, 22.8750, 24.1999 |
| YIQ | 126.7970, -18.8420, -10.9540 |

Conversions

Conversions Part 2

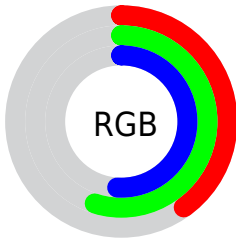
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 102, 123, 139 |
| Decimal | 6720385 |
| CIELab | 54.94, -15.12, 1.17 |
| CIELCh | 55, 15.161, 175.579 |
| Yxy | 22.8750, 0.2840, 0.3479 |
| Android (android.graphics.Color) | 4284910465 (0xFF668B81) |
| YUV | 126.7970, 1.0861, -21.7470 |
| Hunter-Lab | 47.8278, -14.0027, 3.4799 |

Details

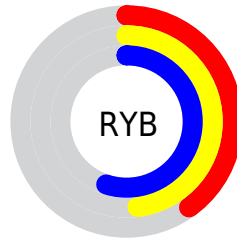
The Hex color **668B81** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8B6670**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **9AC1B6**, and **365950** is the 20% darker color. If you saturate the color by 10%, you get **588B7D**, and if you desaturate by 10%, it is **748B85**.

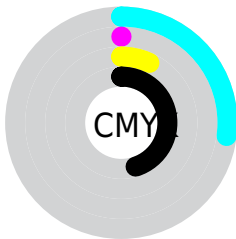
Distribution



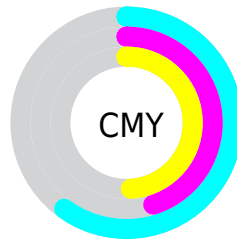
- Red (40%)
- Green (55%)
- Blue (51%)



- Red (40%)
- Yellow (48%)
- Blue (55%)



- Cyan (27%)
- Magenta (0%)
- Yellow (7%)
- Black (45%)



- Cyan (60%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 668B81 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 668B81 by changing the saturation by 10% instead.

668B81

668B81

FFFFFF

4D7168

9AC1B6

365950

B5DDD1

1E4139

D1F9EE

062B24

EDFFFF

00180E

000000

668B81

668B81

588B7D

748B85

4A8B79

828B89

■ 3C8B76

■ 908B8C

■ 2E8B72

■ 9E8B90

■ 218B6E

■ AB8B94

■ 138B6A

■ B98B98

■ 058B67

■ C78B9B

■ 008B65

■ D58B9F

■ E38BA3

Harmonies

Analogous

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



738974



668B81



608B8E

Triad

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



668B81



83819B



9A7E6E

Complementary

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



668B81



8B6670

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.



9F7B79



668B81



937D92

Square

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



668B81



72859D



9D7A86



90826A

Rectangle

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



668B81



628A96



9D7A86



9D7D71

Sweetspot

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



668B81



A7B5B1



708B66



535C59



DBDBDB



5C5C5C

Same Dimension

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



668B81



7BB5A5



66838B



3E4543



008561



000504

Inverse Universe

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



8B6670



B57B8B



8B6E66



453E40



850024



050001

Previews

White Background



This preview shows how the Hex color 668B81 looks on a white background.

Color Contrast Check

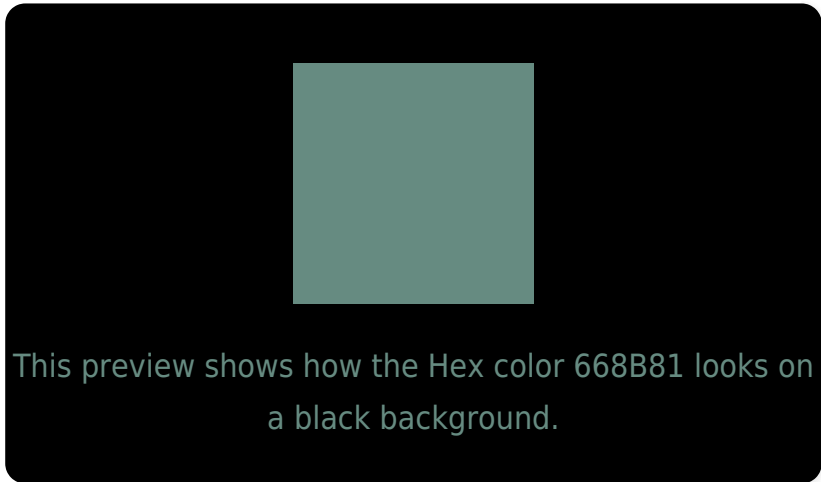
Large Text (above 18pt) WCAG AA ✓ Pass

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

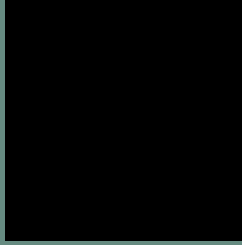
Any Text WCAG AA ✓ Pass

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 668B81 Background



This preview shows how black text looks on a background with the Hex color 668B81.

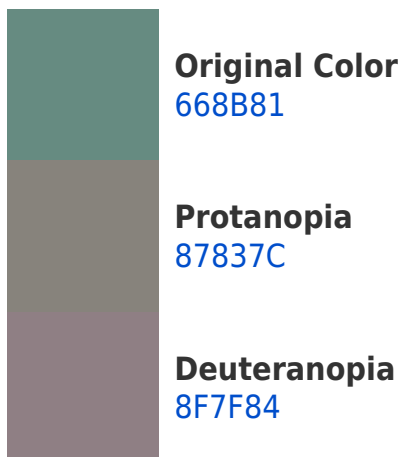



This preview shows how white text looks on a background with the Hex color 668B81.

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
6A8893

Trichromacy



Original Color
668B81

Protanomaly
7B867E

Deuteranomaly
808383

Tritanomaly
69898C

Monochromacy



Original Color
668B81

Achromatopsia
7F7F7F

Achromatomaly
768380

CSS Examples

Text

The CSS property to change the color of the text to Hex 668B81 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 #668B81 looks like.

```
.text, #text, p{  
    color:#668B81  
}
```

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 #668B81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #668B81
}
```

Border

The CSS property to change the border of an element to Hex 668B81 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
#668B81 }
```

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

```
.border{ border-color:#668B81 }
```

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

Here you see how a box with a 4 pixel #668B81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #668B81; -webkit-box-shadow:4px 4px  
4px 4px #668B81; box-shadow:4px 4px 4px  
4px #668B81 }
```

Background

The CSS property to change the background color of an element to Hex 668B81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#668B81 }
```

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

```
.background{ background-color:#668B81 }
```

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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