

Converting Colors

Hex(768D68)

Have a look what the booklet for
Hex(768D68) contains.

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Color

Hex(768D68)

Conversions

Conversions Part 1

Format	Color
Hex	768D68
RGB	118, 141, 104
RGB Percent	46%, 55%, 41%
CMY	0.5373, 0.4471, 0.5922
CMYK	0.16, 0.00, 0.26, 0.45
HSL	97°, 15%, 48%
HSV	97°, 26%, 55%
XYZ	19.4948, 23.9008, 16.6825
YIQ	129.9050, -1.8310, -16.3830

Conversions

Conversions Part 2

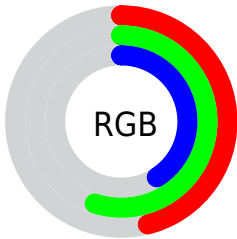
Format	Color
RYB	104, 141, 127
Decimal	7769448
CIELab	55.99, -15.42, 17.10
CIELCh	56, 23.028, 132.055
Yxy	23.9008, 0.3245, 0.3978
Android (android.graphics.Color)	4285959528 (0xFF768D68)
YUV	129.9050, -12.7712, -10.4407
Hunter-Lab	48.8884, -14.3760, 13.9900

Details

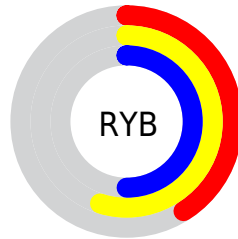
The Hex color **768D68** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7F688D**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **ABC39B**, and **455B39** is the 20% darker color. If you saturate the color by 10%, you get **6D8D5A**, and if you desaturate by 10%, it is **7F8D76**.

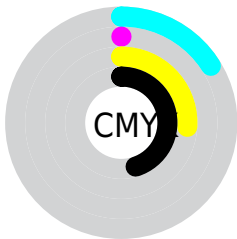
Distribution



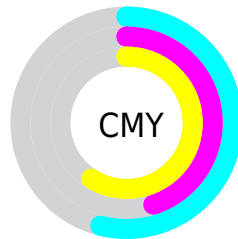
- Red (46%)
- Green (55%)
- Blue (41%)



- Red (41%)
- Yellow (55%)
- Blue (50%)



- Cyan (16%)
- Magenta (0%)
- Yellow (26%)
- Black (45%)



- Cyan (54%)
- Magenta (45%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 768D68 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 768D68 by changing the saturation by 10% instead.



768D68



768D68

FFFFFF



5D7350



ABC39B



455B39



C6DFB6



2E4323



E2FBD2



182D0E



FFFFEE



001900



000000



768D68



768D68



6D8D5A



7F8D76



648D4C



888D84

■ 5C8D3E

■ 908D92

■ 538D30

■ 998DA0

■ 4A8D22

■ A28DAF

■ 418D13

■ AB8DBD

■ 398D05

■ B38DCB

■ 358D00

■ BC8DD9

■ C58DE7

Harmonies

Analogous

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



8C875F



768D68



5F9079

Triad

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



768D68



5C8CAC



AE787F

Complementary

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



768D68



7F688D

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.



A67993



768D68



7985AD

Square

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



768D68



4A90A0



937EA4



AC7B6C

Rectangle

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



768D68



529187



937EA4



AD7786

Sweetspot

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



768D68



AEB8A9



8D7F68



565C53



DBDBDB



5C5C5C

Same Dimension

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



768D68



94B87F



688D6C



434740



338700



030800

Inverse Universe

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



7F688D



A27FB8



8D6889



454047



540087



050008

Previews

White Background



This preview shows how the Hex color 768D68 looks on a white background.

Color Contrast Check

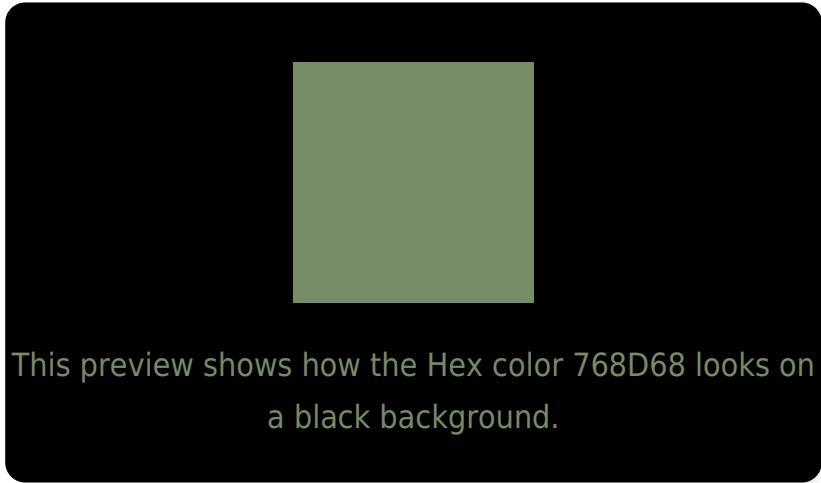
Large Text (above 18pt) WCAG AA ✓ Pass

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

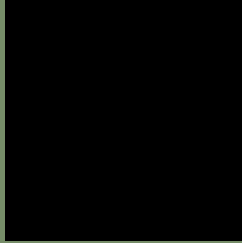
Any Text WCAG AA ✓ Pass

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 768D68 Background



This preview shows how black text looks on a background with the Hex color 768D68.



This preview shows how white text looks on a background with the Hex color 768D68.

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
768D68

Protanopia
8F8665

Deuteranopia
9C816B



Tritanopia
7D8792

Trichromacy



Original Color
768D68

Protanomaly
868966

Deuteranomaly
8E856A

Tritanomaly
7A8983

Monochromacy



Original Color
768D68

Achromatopsia
828282

Achromatomaly
7E8679

CSS Examples

Text

The CSS property to change the color of the text to Hex 768D68 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 #768D68 looks like.

```
.text, #text, p{  
    color:#768D68  
}
```

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 #768D68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #768D68
}
```

Border

The CSS property to change the border of an element to Hex 768D68 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
#768D68 }
```

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

```
.border{ border-color:#768D68 }
```

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

Here you see how a box with a 4 pixel #768D68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #768D68; -webkit-box-shadow:4px 4px  
4px 4px #768D68; box-shadow:4px 4px 4px  
4px #768D68 }
```

Background

The CSS property to change the background color of an element to Hex 768D68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#768D68 }
```

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

```
.background{ background-color:#768D68 }
```

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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