

# Converting Colors

Hex(768E69)

Have a look what the booklet for  
Hex(768E69) contains.

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# Color

Hex(768E69)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 768E69                      |
| RGB         | 118, 142, 105               |
| RGB Percent | 46%, 56%, 41%               |
| CMY         | 0.5373, 0.4431, 0.5882      |
| CMYK        | 0.17, 0.00, 0.26, 0.44      |
| HSL         | 99°, 15%, 48%               |
| HSV         | 99°, 26%, 56%               |
| XYZ         | 19.6940, 24.2175, 17.0011   |
| YIQ         | 130.6060, -2.4270, -16.5950 |

# Conversions

## Conversions Part 2

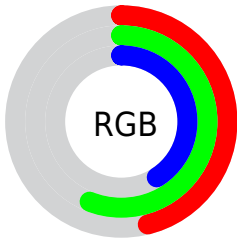
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>R<sub>YB</sub></b>               | 105, 142, 129                   |
| Decimal                             | 7769705                         |
| CIE <sub>Lab</sub>                  | 56.30, -15.79, 16.97            |
| CIE <sub>LCh</sub>                  | 56, 23.176, 132.939             |
| Yxy                                 | 24.2175, 0.3233,<br>0.3976      |
| Android<br>(android.graphics.Color) | 4285959785<br>(0xFF768E69)      |
| YUV                                 | 130.6060, -12.6238,<br>-11.0555 |
| Hunter-Lab                          | 49.2113, -14.6852,<br>13.9649   |

# Details

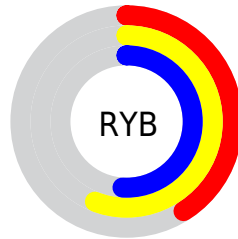
The Hex color **768E69** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **81698E**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **ABC49C**, and **455C3A** is the 20% darker color. If you saturate the color by 10%, you get **6D8E5B**, and if you desaturate by 10%, it is **7F8E77**.

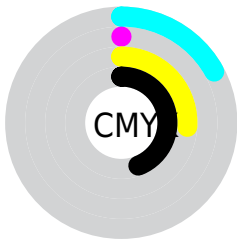
# Distribution



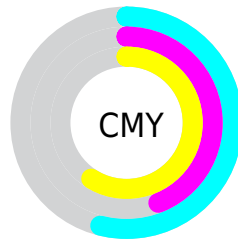
- Red (46%)
- Green (56%)
- Blue (41%)



- Red (41%)
- Yellow (56%)
- Blue (51%)



- Cyan (17%)
- Magenta (0%)
- Yellow (26%)
- Black (44%)



- Cyan (54%)
- Magenta (44%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 768E69 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 768E69 by changing the saturation by 10% instead.





768E69



768E69

FFFFFF



5D7451



ABC49C



455C3A



C6E0B7



2E4424



E2FCD3



182E0F



FFFFEf



001A00



000000



768E69



768E69



6D8E5B



7F8E77



648E4D



888E85

■ 5A8E3E

■ 928E94

■ 518E30

■ 9B8EA2

■ 488E22

■ A48EB0

■ 3F8E14

■ AD8EBE

■ 368E06

■ B68ECC

■ 328E00

■ C08EDB

■ C98EE9

# Harmonies

## Analogous

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



8D8960



768E69



5F917B

# Triad

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



768E69



5E8CAD



B0787F

# Complementary

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



768E69



81698E

# 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.



A87A93



768E69



7A86AE

# Square

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



768E69



4B91A2



957FA5



AC7C6C

# Rectangle

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



768E69



529288



957FA5



AE7886



# Sweetspot

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



768E69



AEB8A9



8E8069



565C53



DBDBDB



5C5C5C



# Same Dimension

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



768E69



93B87F



698E6E



434740



2F8700



030800



# Inverse Universe

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



81698E



A47FB8



8E6989



454047



580087



050008



# Previews

## White Background



This preview shows how the Hex color 768E69 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

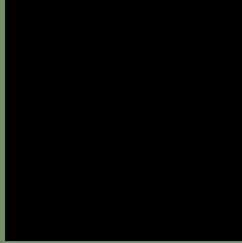
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

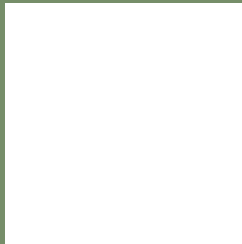
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 768E69 Background



This preview shows how black text looks on a background with the Hex color 768E69.



This preview shows how white text looks on a background with the Hex color 768E69.

# 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](#).

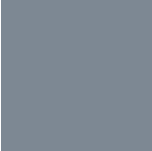
## Dichromacy



**Original Color**  
768E69

**Protanopia**  
908766

**Deuteranopia**  
9D816C



**Tritanopia**  
7D8893

# Trichromacy



**Original Color**  
768E69

**Protanomaly**  
878A67

**Deuteranomaly**  
8F866B

**Tritanomaly**  
7A8A84

# Monochromacy



**Original Color**  
768E69

**Achromatopsia**  
838383

**Achromatomaly**  
7E877A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 768E69 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 #768E69 looks like.

```
.text, #text, p{  
    color:#768E69  
}
```

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 #768E69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #768E69
}
```

## Border

The CSS property to change the border of an element to Hex 768E69 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
#768E69 }
```

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

```
.border{ border-color:#768E69 }
```

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

Here you see how a box with a 4 pixel #768E69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #768E69; -webkit-box-shadow:4px 4px  
4px 4px #768E69; box-shadow:4px 4px 4px  
4px #768E69 }
```

# Background

The CSS property to change the background color of an element to Hex 768E69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#768E69 }
```

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

```
.background{ background-color:#768E69 }
```

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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