

# Converting Colors

Hex(788069)

Have a look what the booklet for  
Hex(788069) contains.

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# Color

**Hex(788069)**

# Conversions

## Conversions Part 1

Format	Color
Hex	788069
RGB	120, 128, 105
RGB Percent	47%, 50%, 41%
CMY	0.5294, 0.4980, 0.5882
CMYK	0.06, 0.00, 0.18, 0.50
HSL	81°, 10%, 46%
HSV	81°, 18%, 50%
XYZ	18.0147, 20.4513, 16.3626
YIQ	122.9860, 2.6150, -8.8490

# Conversions

## Conversions Part 2

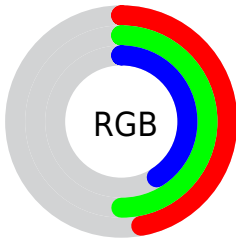
<b>Format</b>	<b>Color</b>
<b>RYB</b>	105, 128, 113
Decimal	7897193
CIELab	52.34, -7.37, 11.50
CIElCh	52, 13.664, 122.666
Yxy	20.4513, 0.3286, 0.3730
Android (android.graphics.Color)	4286087273 (0xFF788069)
YUV	122.9860, -8.8671, -2.6187
Hunter-Lab	45.2232, -8.0348, 10.2039

# Details

The Hex color **788069** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **716980**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **ACB59C**, and **474F3A** is the 20% darker color. If you saturate the color by 10%, you get **74805C**, and if you desaturate by 10%, it is **7C8076**.

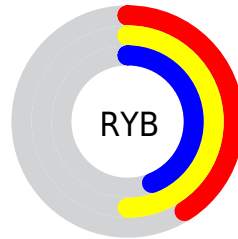
# Distribution



Red (47%)

Green (50%)

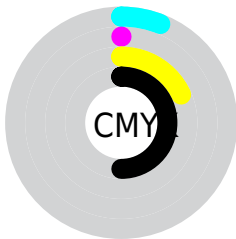
Blue (41%)



Red (41%)

Yellow (50%)

Blue (44%)

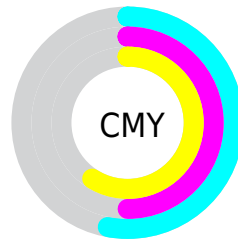


Cyan (6%)

Magenta (0%)

Yellow (18%)

Black (50%)



Cyan (53%)

Magenta (50%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 788069 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 788069 by changing the saturation by 10% instead.





788069



788069

FFFFFF



5F6751



ACB59C



474F3A



C8D0B7



313824



E4EDD3



1C230F



FFFFEF



000E00



000000



788069



788069



74805C



7C8076



6F804F



818083

6B8043

85808F

668036

8A809C

628029

8E80A9

5D801C

9380B6

59800F

9780C3

548003

9C80CF

538000

A080DC

# Harmonies

## Analogous

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



857C66



788069



6B8372

# Triad

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



788069



648191



94757C

# Complementary

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



788069



716980

# 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.



8D7688



788069



717E94

# Square

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



788069



5E8389



807A91



957671

# Rectangle

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



788069



648479



807A91



937580



# Sweetspot

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



788069



A3A69D



807169



52544F



D4D4D4



545454



# Same Dimension

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



788069



99A681



6D8069



3E4039



538000



000000



# Inverse Universe

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



716980



8E81A6



7C6980



3C3940



2C0080

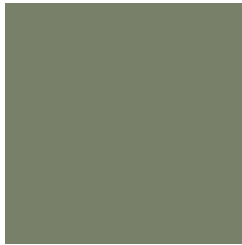


000000



# Previews

## White Background



This preview shows how the Hex color 788069 looks on a white background.

## Color Contrast Check

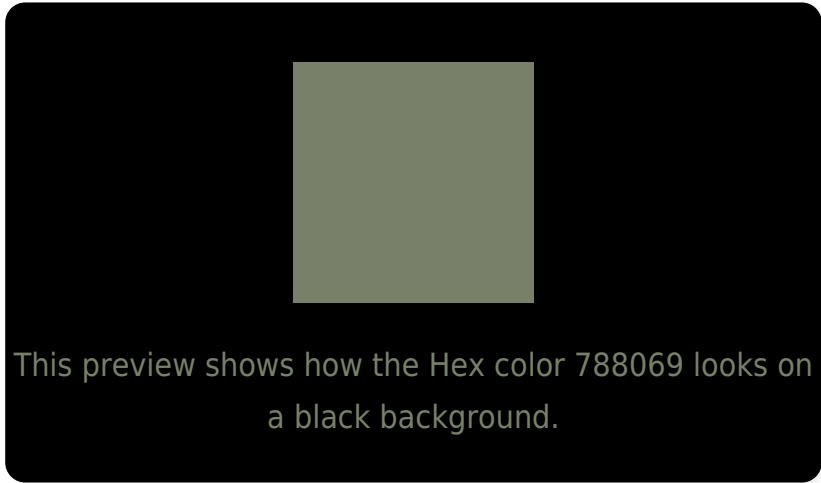
Large Text (above 18pt) WCAG AA ✓ Pass

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

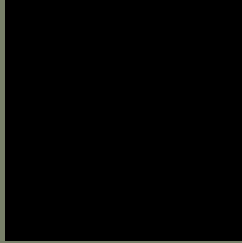
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

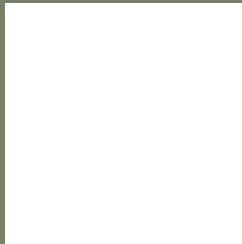
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 788069 Background



This preview shows how black text looks on a background with the Hex color 788069.



This preview shows how white text looks on a background with the Hex color 788069.

# 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**  
788069

**Protanopia**  
847C67

**Deuteranopia**  
8F786B



**Tritanopia**  
7C7C86

# Trichromacy



**Original Color**  
788069

**Protanomaly**  
807D68

**Deuteranomaly**  
877B6A

**Tritanomaly**  
7B7D7B

# Monochromacy



**Original Color**  
788069

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
7A7D74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 788069 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 #788069 looks like.

```
.text, #text, p{  
    color:#788069  
}
```

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 #788069 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #788069
}
```

## Border

The CSS property to change the border of an element to Hex 788069 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
#788069 }
```

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

```
.border{ border-color:#788069 }
```

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

Here you see how a box with a 4 pixel #788069 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #788069; -webkit-box-shadow:4px 4px  
4px 4px #788069; box-shadow:4px 4px 4px  
4px #788069 }
```

# Background

The CSS property to change the background color of an element to Hex 788069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#788069 }
```

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

```
.background{ background-color:#788069 }
```

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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