

# Converting Colors

Hex(769671)

Have a look what the booklet for  
Hex(769671) contains.

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**Color**

**Hex(769671)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	769671
RGB	118, 150, 113
RGB Percent	46%, 59%, 44%
CMY	0.5373, 0.4118, 0.5569
CMYK	0.21, 0.00, 0.25, 0.41
HSL	112°, 15%, 52%
HSV	112°, 25%, 59%
XYZ	21.3582, 26.8565, 19.6809
YIQ	136.2140, -7.1950, -18.2910

# Conversions

## Conversions Part 2

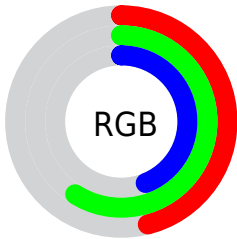
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 150, 145
Decimal	7771761
CIE <sub>Lab</sub>	58.84, -18.61, 15.96
CIE <sub>LCh</sub>	59, 24.514, 139.394
Yxy	26.8565, 0.3146, 0.3956
Android (android.graphics.Color)	4285961841 (0xFF769671)
YUV	136.2140, -11.4445, -15.9737
Hunter-Lab	51.8233, -17.1245, 13.7597

# Details

The Hex color **769671** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **917196**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **ABCCA5**, and **456341** is the 20% darker color. If you saturate the color by 10%, you get **699662**, and if you desaturate by 10%, it is **839680**.

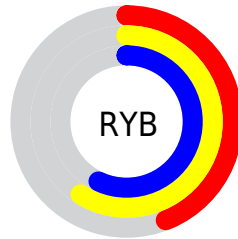
# Distribution



Red (46%)

Green (59%)

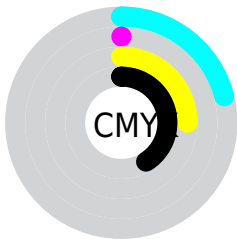
Blue (44%)



Red (44%)

Yellow (59%)

Blue (57%)

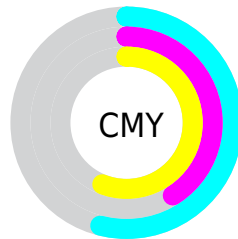


Cyan (21%)

Magenta (0%)

Yellow (25%)

Black (41%)



Cyan (54%)

Magenta (41%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 769671 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 769671 by changing the saturation by 10% instead.





769671



769671

FFFFFF



5D7C58



ABCCA5



456341



C6E8C0



2E4B2B



E2FFDC



173416



FFFFF9



011F00



000000



769671



769671



699662



839680



5C9653



90968F

■ 4F9644

■ 9D969E

■ 429635

■ AA96AD

■ 359626

■ B796BC

■ 289617

■ C496CB

■ 1B9608

■ D196DA

■ 149600

■ DE96E9

■ EB96F8

# Harmonies

## Analogous

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



8F9165



769671



5E9985

# Triad

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



769671



6792B7



B97E80

# Complementary

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



769671



917196

# 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.



B37E96



769671



868BB6

# Square

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



769671



4F97AD



A283AA



B3836E

# Rectangle

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



769671



519A94



A283AA



B87E87



# Sweetspot

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



769671



B6C2B4



969071



5A6159



E0E0E0



616161



# Same Dimension

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



769671



90C288



71967E



444A43



138A00



010A00



# Inverse Universe

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



917196



BA88C2



967189



49434A



77008A



09000A



# Previews

## White Background



This preview shows how the Hex color 769671 looks on a white background.

## Color Contrast Check

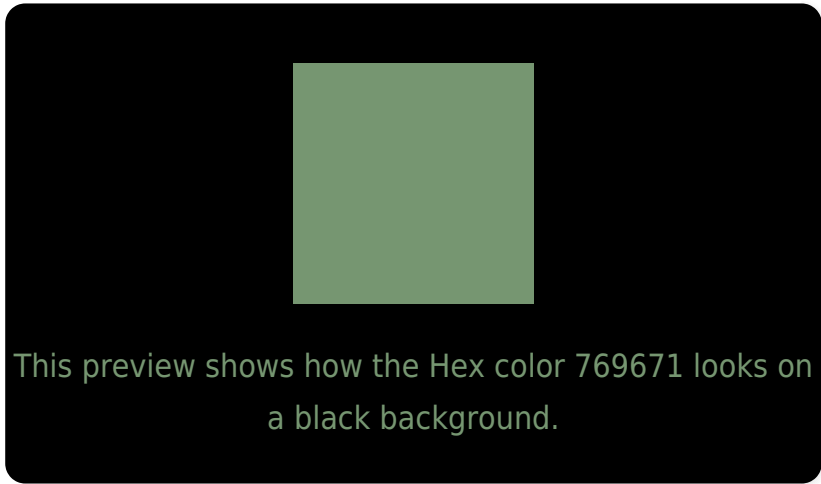
Large Text (above 18pt) WCAG AA ✓ Pass

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

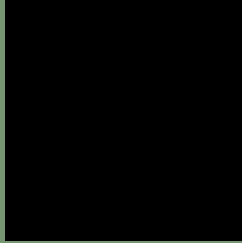
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 769671 Background



This preview shows how black text looks on a background with the Hex color 769671.

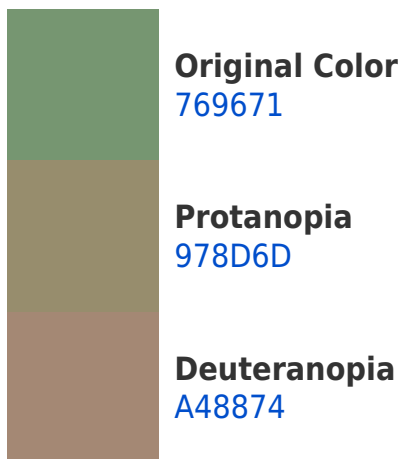


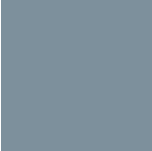
This preview shows how white text looks on a background with the Hex color 769671.

# 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**  
7D909C

# Trichromacy



**Original Color**  
769671

**Protanomaly**  
8B906E

**Deuteranomaly**  
938D73

**Tritanomaly**  
7A928C

# Monochromacy



**Original Color**  
769671

**Achromatopsia**  
888888

**Achromatomaly**  
818D80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 769671 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 #769671 looks like.

```
.text, #text, p{  
    color:#769671  
}
```

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 #769671 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #769671
}
```

## Border

The CSS property to change the border of an element to Hex 769671 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
#769671 }
```

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

```
.border{ border-color:#769671 }
```

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

Here you see how a box with a 4 pixel #769671 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #769671; -webkit-box-shadow:4px 4px  
4px 4px #769671; box-shadow:4px 4px 4px  
4px #769671 }
```

# Background

The CSS property to change the background color of an element to Hex 769671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#769671 }
```

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

```
.background{ background-color:#769671 }
```

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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