

# Converting Colors

Hex(769359)

Have a look what the booklet for  
Hex(769359) contains.

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**Color**

**Hex(769359)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	769359
RGB	118, 147, 89
RGB Percent	46%, 58%, 35%
CMY	0.5373, 0.4235, 0.6510
CMYK	0.20, 0.00, 0.39, 0.42
HSL	90°, 25%, 46%
HSV	90°, 39%, 58%
XYZ	19.7081, 25.4403, 13.3229
YIQ	131.7170, 1.3340, -24.1860

# Conversions

## Conversions Part 2

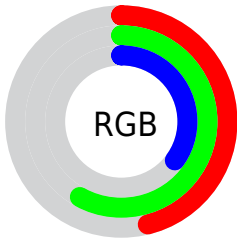
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 147, 118
Decimal	7770969
CIE <sub>Lab</sub>	57.50, -20.88, 27.44
CIE <sub>LCh</sub>	58, 34.476, 127.269
Yxy	25.4403, 0.3371, 0.4351
Android (android.graphics.Color)	4285961049 (0xFF769359)
YUV	131.7170, -21.0595, -12.0298
Hunter-Lab	50.4383, -18.5206, 19.6458

# Details

The Hex color **769359** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **765993**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **ABC98C**, and **44602A** is the 20% darker color. If you saturate the color by 10%, you get **6F934A**, and if you desaturate by 10%, it is **7D9368**.

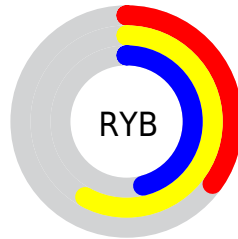
# Distribution



Red (46%)

Green (58%)

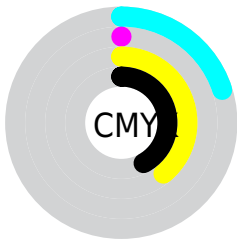
Blue (35%)



Red (35%)

Yellow (58%)

Blue (46%)

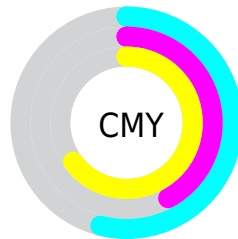


Cyan (20%)

Magenta (0%)

Yellow (39%)

Black (42%)



Cyan (54%)

Magenta (42%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 769359 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 769359 by changing the saturation by 10% instead.





769359



769359

FFFFFF



5D7941



ABC98C



44602A



C7E5A6



2C4813



E3FFC2



173200



FFFFDE



001E00



FFFFFA



000000



769359



769359



6F934A



7D9368



67933C



859376

■ 60932D

■ 8C9385

■ 59931E

■ 939394

■ 519310

■ 9B93A3

■ 4A9301

■ A293B1

■ 4A9300

■ A993C0

■ B193CF

■ B893DD

# Harmonies

## Analogous

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



968B4D



769359



509872

# Triad

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



769359



2E93C1



C47284

# Complementary

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



769359



765993

# 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.



B676A2



769359



698BC6

# Square

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



769359



0099AE



9780BA



C17767

# Rectangle

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



769359



319A86



9780BA



C1738E



# Sweetspot

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



769359



B4BFA8



937659



5A6153



E0E0E0



616161



# Same Dimension

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



769359



92BF65



5A9359



464A43



458A00



050A00



# Inverse Universe

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



765993



9265BF



935993



46434A



45008A



05000A



# Previews

## White Background



This preview shows how the Hex color 769359 looks on a white background.

## Color Contrast Check

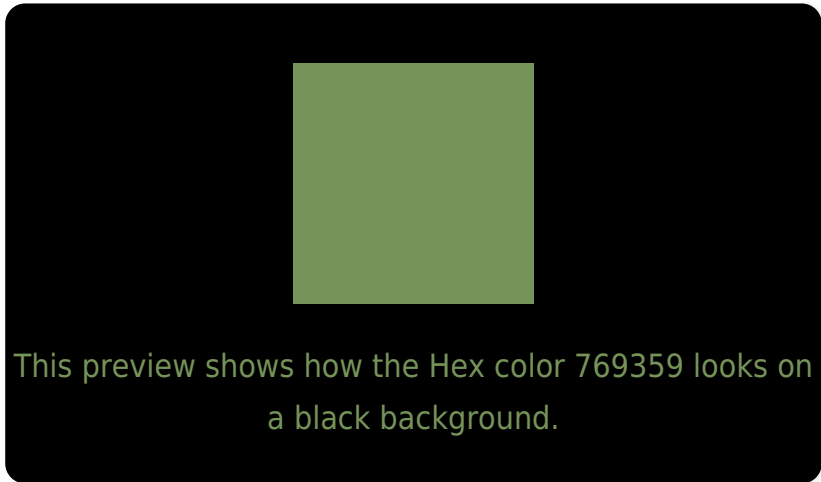
Large Text (above 18pt) WCAG AA ✓ Pass

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

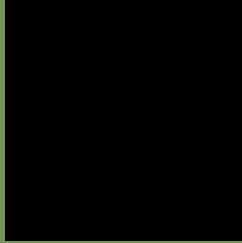
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 769359 Background



This preview shows how black text looks on a background with the Hex color 769359.



This preview shows how white text looks on a background with the Hex color 769359.

# 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](#).

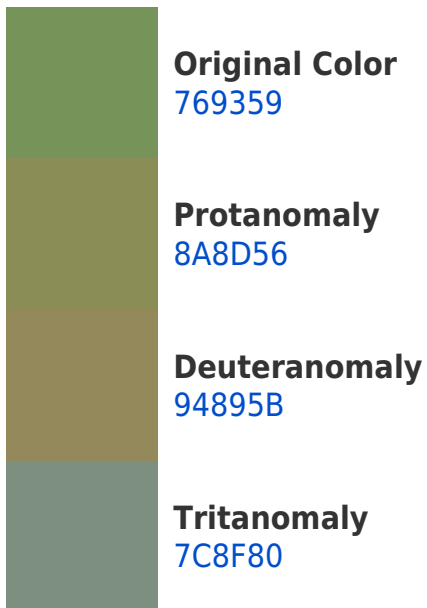
## Dichromacy



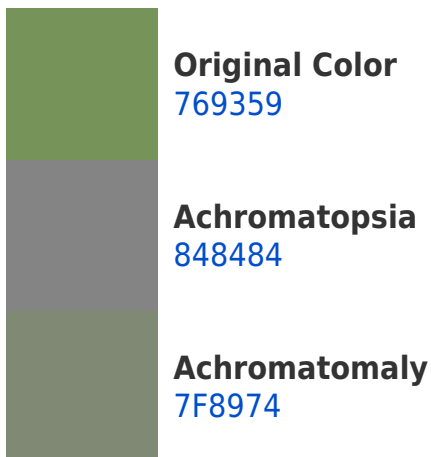


**Tritanopia**  
7F8C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 769359 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 #769359 looks like.

```
.text, #text, p{  
    color:#769359  
}
```

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 #769359 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #769359
}
```

## Border

The CSS property to change the border of an element to Hex 769359 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
#769359 }
```

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

```
.border{ border-color:#769359 }
```

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

Here you see how a box with a 4 pixel #769359 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #769359; -webkit-box-shadow:4px 4px  
4px 4px #769359; box-shadow:4px 4px 4px  
4px #769359 }
```

# Background

The CSS property to change the background color of an element to Hex 769359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#769359 }
```

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

```
.background{ background-color:#769359 }
```

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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