

Converting Colors

Hex(769C42)

Have a look what the booklet for
Hex(769C42) contains.

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Color

Hex(769C42)

Conversions

Conversions Part 1

Format	Color
Hex	769C42
RGB	118, 156, 66
RGB Percent	46%, 61%, 26%
CMY	0.5373, 0.3882, 0.7412
CMYK	0.24, 0.00, 0.58, 0.39
HSL	85°, 41%, 44%
HSV	85°, 58%, 61%
XYZ	20.3430, 28.0218, 9.4908
YIQ	134.3780, 6.2420, -36.0460

Conversions

Conversions Part 2

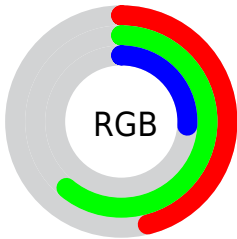
Format	Color
R_{YB}	66, 156, 104
Decimal	7773250
CIE _{Lab}	59.91, -28.11, 42.20
CIE _{LCh}	60, 50.702, 123.664
Yxy	28.0218, 0.3516, 0.4843
Android (android.graphics.Color)	4285963330 (0xFF769C42)
YUV	134.3780, -33.7104, -14.3635
Hunter-Lab	52.9357, -24.0403, 26.4249

Details

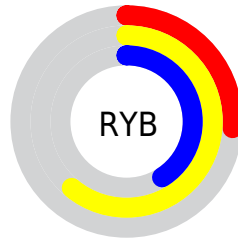
The Hex color **769C42** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **68429C**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **ACD375**, and **42680D** is the 20% darker color. If you saturate the color by 10%, you get **6F9C32**, and if you desaturate by 10%, it is **7D9C52**.

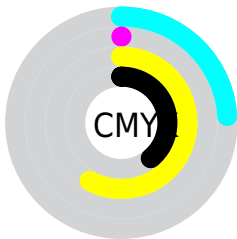
Distribution



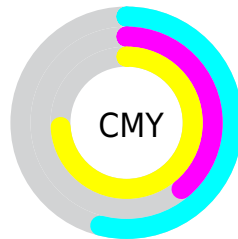
- Red (46%)
- Green (61%)
- Blue (26%)



- Red (26%)
- Yellow (61%)
- Blue (41%)



- Cyan (24%)
- Magenta (0%)
- Yellow (58%)
- Black (39%)



- Cyan (54%)
- Magenta (39%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 769C42 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 769C42 by changing the saturation by 10% instead.



769C42



769C42

FFFFFF



5C8229



ACD375



42680D



C8EF8F



295000



E5FFAA



0E3900



FFFFC6



002400



FFFFE3



000000



769C42



769C42



6F9C32



7D9C52



699C23



839C61

■ 629C13

■ 8A9C71

■ 5C9C04

■ 909C80

■ 5A9C00

■ 979C90

■ 9E9CA0

■ A49CAF

■ AB9CBF

■ B19CCE

Harmonies

Analogous

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



A49032



769C42



34A367

Triad

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



769C42



009FE0



E2698D

Complementary

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



769C42



68429C

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.



CB71B9



769C42



4193E9

Square

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



769C42



00A5C1



9A82DB



DF6F61

Rectangle

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



769C42



00A685



9A82DB



DD6A9C

Sweetspot

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



769C42



BDCCA9



9C6842



5D6652



E6E6E6



666666

Same Dimension

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



769C42



91CC3F



4A9C42



4C4F47



538F00



090F00

Inverse Universe

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



68429C



7B3FCC



94429C



4A474F



3C008F



06000F

Previews

White Background



This preview shows how the Hex color 769C42 looks on a white background.

Color Contrast Check

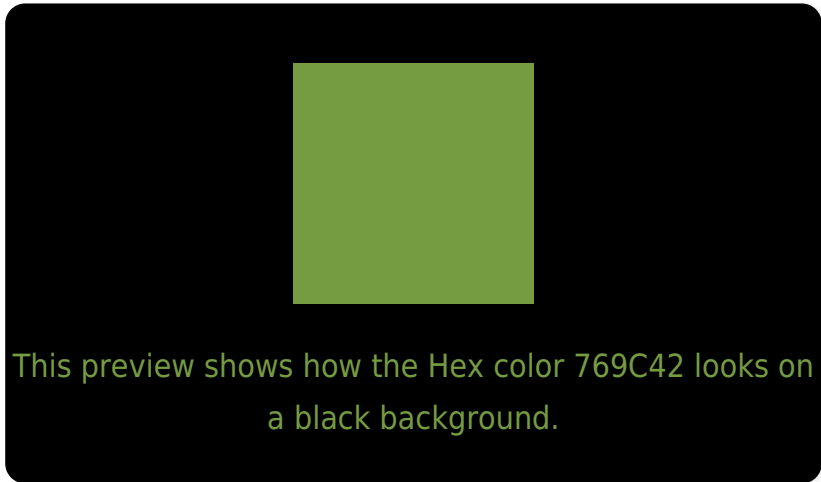
Large Text (above 18pt) WCAG AA ✓ Pass

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 769C42 Background



This preview shows how black text looks on a background with the Hex color 769C42.



This preview shows how white text looks on a background with the Hex color 769C42.

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](#).

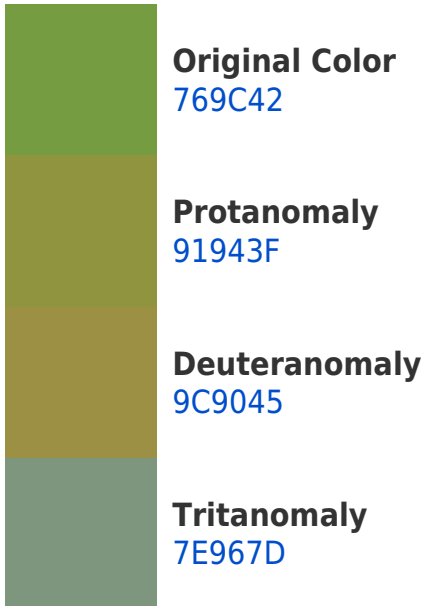
Dichromacy



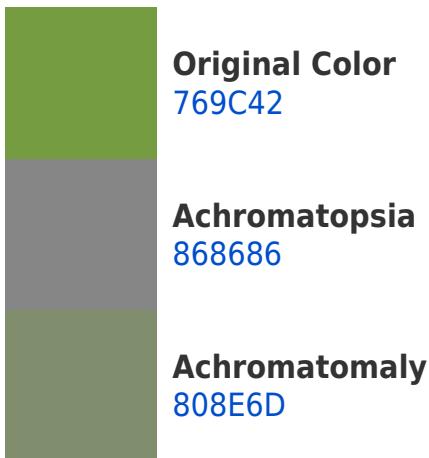


Tritanopia
82929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 769C42 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 #769C42 looks like.

```
.text, #text, p{  
    color:#769C42  
}
```

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 #769C42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #769C42
}
```

Border

The CSS property to change the border of an element to Hex 769C42 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
#769C42 }
```

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

```
.border{ border-color:#769C42 }
```

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

Here you see how a box with a 4 pixel #769C42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #769C42; -webkit-box-shadow:4px 4px  
4px 4px #769C42; box-shadow:4px 4px 4px  
4px #769C42 }
```

Background

The CSS property to change the background color of an element to Hex 769C42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#769C42 }
```

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

```
.background{ background-color:#769C42 }
```

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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