

Converting Colors

Hex(769A58)

Have a look what the booklet for
Hex(769A58) contains.

Hex(769A58)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(769A58)

Conversions

Conversions Part 1

Format	Color
Hex	769A58
RGB	118, 154, 88
RGB Percent	46%, 60%, 35%
CMY	0.5373, 0.3961, 0.6549
CMYK	0.23, 0.00, 0.43, 0.40
HSL	93°, 27%, 47%
HSV	93°, 43%, 60%
XYZ	20.7883, 27.6673, 13.4772
YIQ	135.7120, -0.2700, -28.1580

Conversions

Conversions Part 2

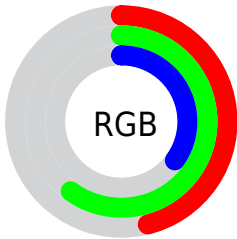
Format	Color
R_{YB}	88, 154, 124
Decimal	7772760
CIE _{Lab}	59.59, -24.55, 30.65
CIE _{LCh}	60, 39.272, 128.699
Yxy	27.6673, 0.3357, 0.4467
Android (android.graphics.Color)	4285962840 (0xFF769A58)
YUV	135.7120, -23.5220, -15.5334
Hunter-Lab	52.5997, -21.5035, 21.6284

Details

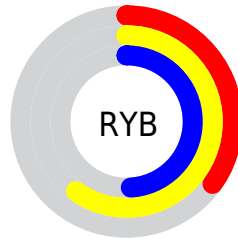
The Hex color **769A58** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7C589A**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **ABD18B**, and **446728** is the 20% darker color. If you saturate the color by 10%, you get **6E9A49**, and if you desaturate by 10%, it is **7E9A67**.

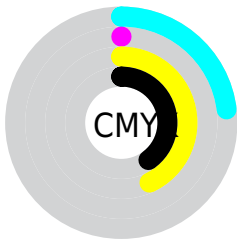
Distribution



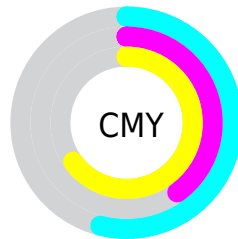
- Red (46%)
- Green (60%)
- Blue (35%)



- Red (35%)
- Yellow (60%)
- Blue (49%)



- Cyan (23%)
- Magenta (0%)
- Yellow (43%)
- Black (40%)



- Cyan (54%)
- Magenta (40%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 769A58 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 769A58 by changing the saturation by 10% instead.

 769A58

 769A58

FFFFFF

 5C8040

 ABD18B

 446728

 C7EDA6

 2B4E11

 E4FFC1

 143700

 FFFFDD

 002200

 FFFFFA

 000000

 769A58

 769A58

 6E9A49

 7E9A67

 659A39

 879A77

 5D9A2A

 8F9A86

 549A1A

 989A96

 4C9A0B

 A09AA5

 469A00

 A89AB4

 B19AC4

 B99AD3

 C29AE3

Harmonies

Analogous

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



9B914A



769A58



48A075

Triad

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



769A58



0D9ACF



D17387

Complementary

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



769A58



7C589A

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.



C277A9



769A58



6B90D4

Square

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



769A58



00A0BA



A083C6



CD7966

Rectangle

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



769A58



15A18D



A083C6



CE7492

Sweetspot

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



769A58



BBC9AF



9A7B58



5D6656



E6E6E6



666666

Same Dimension

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



769A58



91C963



589A5A



484D45



408C00



060D00

Inverse Universe

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



7C589A



9B63C9



9A5898



49454D



4D008C



07000D

Previews

White Background



This preview shows how the Hex color 769A58 looks on a white background.

Color Contrast Check

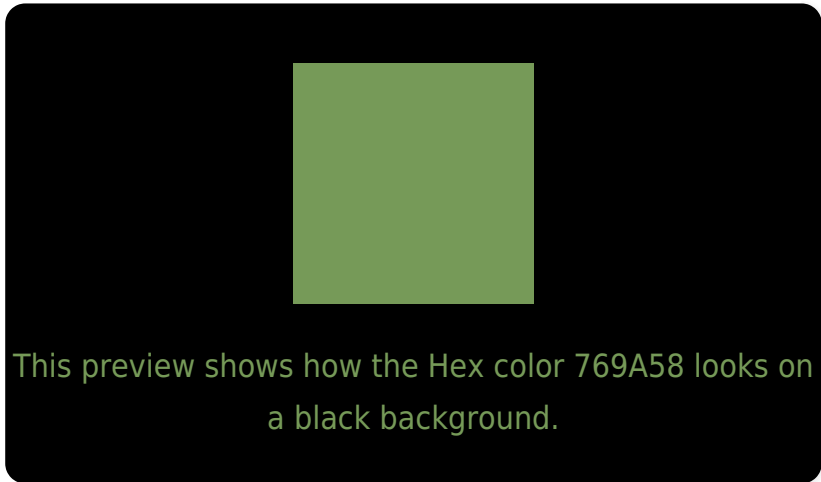
Large Text (above 18pt) WCAG AA ✓ Pass

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 769A58 Background



This preview shows how black text looks on a background with the Hex color 769A58.

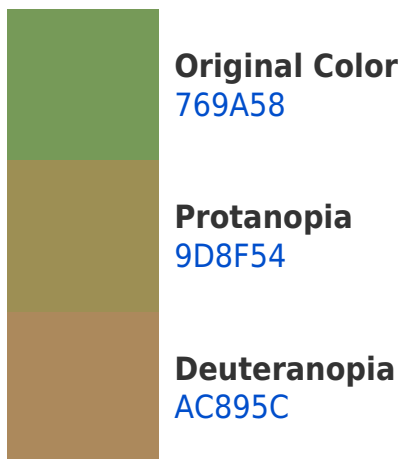


This preview shows how white text looks on a background with the Hex color 769A58.

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



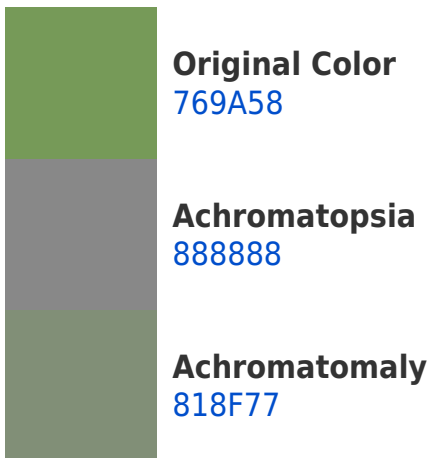


Tritanopia
80929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 769A58 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 #769A58 looks like.

```
.text, #text, p{  
    color:#769A58  
}
```

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 #769A58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #769A58
}
```

Border

The CSS property to change the border of an element to Hex 769A58 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
#769A58 }
```

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

```
.border{ border-color:#769A58 }
```

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

Here you see how a box with a 4 pixel #769A58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #769A58; -webkit-box-shadow:4px 4px  
4px 4px #769A58; box-shadow:4px 4px 4px  
4px #769A58 }
```

Background

The CSS property to change the background color of an element to Hex 769A58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#769A58 }
```

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

```
.background{ background-color:#769A58 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor