

Converting Colors

Hex(768959)

Have a look what the booklet for
Hex(768959) contains.

Hex(768959)	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(768959)

Conversions

Conversions Part 1

Format	Color
Hex	768959
RGB	118, 137, 89
RGB Percent	46%, 54%, 35%
CMY	0.5373, 0.4627, 0.6510
CMYK	0.14, 0.00, 0.35, 0.46
HSL	84°, 21%, 44%
HSV	84°, 35%, 54%
XYZ	18.2200, 22.4641, 12.8269
YIQ	125.8470, 4.0840, -18.9560

Conversions

Conversions Part 2

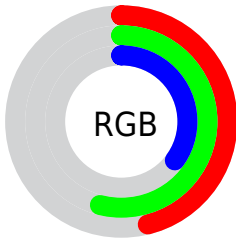
Format	Color
RYB	89, 137, 108
Decimal	7768409
CIELab	54.52, -15.65, 23.54
CIElCh	55, 28.265, 123.623
Yxy	22.4641, 0.3405, 0.4198
Android (android.graphics.Color)	4285958489 (0xFF768959)
YUV	125.8470, -18.1656, -6.8818
Hunter-Lab	47.3964, -14.3249, 17.1318

Details

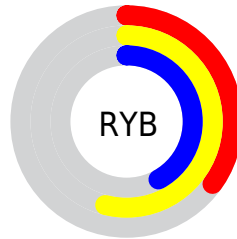
The Hex color **768959** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6C5989**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **ABBE8B**, and **45572A** is the 20% darker color. If you saturate the color by 10%, you get **71894B**, and if you desaturate by 10%, it is **7B8967**.

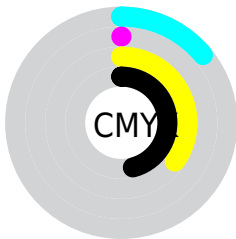
Distribution



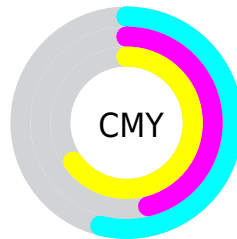
- Red (46%)
- Green (54%)
- Blue (35%)



- Red (35%)
- Yellow (54%)
- Blue (42%)



- Cyan (14%)
- Magenta (0%)
- Yellow (35%)
- Black (46%)



- Cyan (54%)
- Magenta (46%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 768959 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 768959 by changing the saturation by 10% instead.

 768959

 768959

FFFFFF

 5D7041

 ABBE8B

 45572A

 C6DAA6

 2E4015

 E2F7C1

 192A00

 FFFFDD


 001700

 FFFFFA

 000000

 768959

 768959

 71894B

 7B8967

 6B893E

 818974

■ 668930

■ 868982

■ 608922

■ 8C8990

■ 5B8915

■ 91899D

■ 558907

■ 9789AB

■ 538900

■ 9C89B9

■ A189C7

■ A789D4

Harmonies

Analogous

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



908251



768959



598E6C

Triad

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



768959



3F8BAE



B17080

Complementary

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



768959



6C5989

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.



A47399



768959



6584B3

Square

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



768959



298F9D



897BAB



B17269

Rectangle

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



768959



458F7C



897BAB



AE7089

Sweetspot

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



768959



ABB39F



896B59



55594E



D9D9D9



595959

Same Dimension

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



768959



95B368



5F8959



42453E



508500



030500

Inverse Universe

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



6C5989



8568B3



835989



413E45



340085



020005

Previews

White Background



This preview shows how the Hex color 768959 looks on a white background.

Color Contrast Check

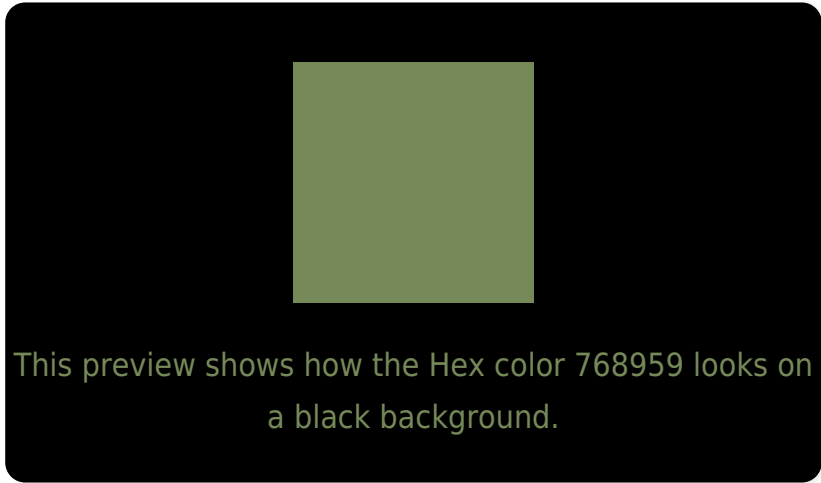
Large Text (above 18pt) WCAG AA ✓ Pass

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

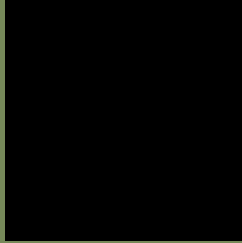
Any Text WCAG AA ✓ Pass

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 768959 Background



This preview shows how black text looks on a background with the Hex color 768959.



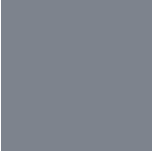
This preview shows how white text looks on a background with the Hex color 768959.

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
7D838D

Trichromacy



Original Color
768959

Protanomaly
858557

Deuteranomaly
8E815B

Tritanomaly
7A857A

Monochromacy



Original Color
768959

Achromatopsia
7E7E7E

Achromatomaly
7B8271

CSS Examples

Text

The CSS property to change the color of the text to Hex 768959 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 #768959 looks like.

```
.text, #text, p{  
    color:#768959  
}
```

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 #768959 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #768959
}
```

Border

The CSS property to change the border of an element to Hex 768959 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
#768959 }
```

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

```
.border{ border-color:#768959 }
```

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

Here you see how a box with a 4 pixel #768959 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #768959; -webkit-box-shadow:4px 4px  
4px 4px #768959; box-shadow:4px 4px 4px  
4px #768959 }
```

Background

The CSS property to change the background color of an element to Hex 768959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#768959 }
```

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

```
.background{ background-color:#768959 }
```

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