

Converting Colors

Hex(758670)

Have a look what the booklet for
Hex(758670) contains.

Hex(758670)	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(758670)

Conversions

Conversions Part 1

Format	Color
Hex	758670
RGB	117, 134, 112
RGB Percent	46%, 53%, 44%
CMY	0.5412, 0.4745, 0.5608
CMYK	0.13, 0.00, 0.16, 0.47
HSL	106°, 9%, 48%
HSV	106°, 16%, 53%
XYZ	18.7858, 22.0020, 18.5859
YIQ	126.4090, -3.0700, -10.4460

Conversions

Conversions Part 2

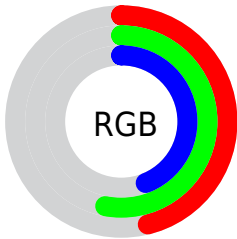
Format	Color
RYB	112, 134, 129
Decimal	7702128
CIELab	54.03, -10.60, 9.80
CIELCh	54, 14.432, 137.254
Yxy	22.0020, 0.3164, 0.3706
Android (android.graphics.Color)	4285892208 (0xFF758670)
YUV	126.4090, -7.1036, -8.2517
Hunter-Lab	46.9062, -10.5971, 9.3416

Details

The Hex color **758670** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **817086**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **A9BBA4**, and **455440** is the 20% darker color. If you saturate the color by 10%, you get **6B8663**, and if you desaturate by 10%, it is **7F867D**.

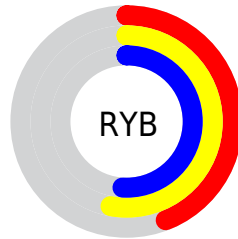
Distribution



Red (46%)

Green (53%)

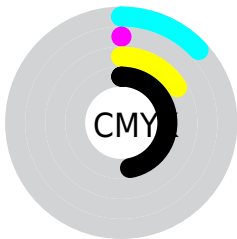
Blue (44%)



Red (44%)

Yellow (53%)

Blue (51%)

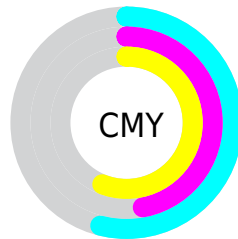


Cyan (13%)

Magenta (0%)

Yellow (16%)

Black (47%)



Cyan (54%)

Magenta (47%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 758670 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 758670 by changing the saturation by 10% instead.

 758670

 758670

FFFFFF

 5C6D58

 A9BBA4

 455440

 C4D7BF

 2E3D2A

 E1F3DB

 192716

 FDFFF7

 001400

 000000

 758670

 758670

 6B8663

 7F867D

 608655

 8A868B

■ 568648

■ 948698

■ 4C863A

■ 9E86A6

■ 41862D

■ A986B3

■ 378620

■ B386C0

■ 2D8612

■ BD86CE

■ 228605

■ C886DB

■ 1E8600

■ D286E9

Harmonies

Analogous

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



838369



758670



68887B

Triad

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



758670



6D8499



9B797A

Complementary

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



758670



817086

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.



977987



758670



7D8099

Square

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



758670



628793



8C7C92



997B6F

Rectangle

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



758670



628884



8C7C92



9B787E

Sweetspot

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



758670



A7ADA5



868170



535751



D6D6D6



575757

Same Dimension

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



758670



93AD8B



708676



3D423C



1E8200



010300

Inverse Universe

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



817086



A68BAD



867080



413C42



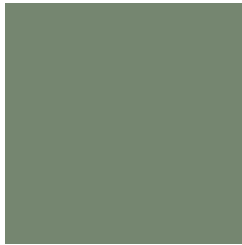
640082



020003

Previews

White Background



This preview shows how the Hex color 758670 looks on a white background.

Color Contrast Check

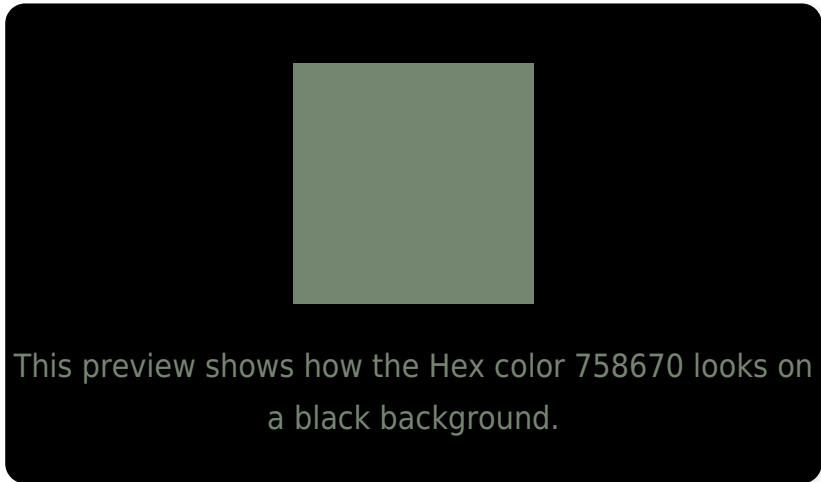
Large Text (above 18pt) WCAG AA ✓ Pass

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

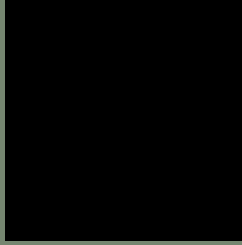
Any Text WCAG AA ✓ Pass

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 758670 Background



This preview shows how black text looks on a background with the Hex color 758670.

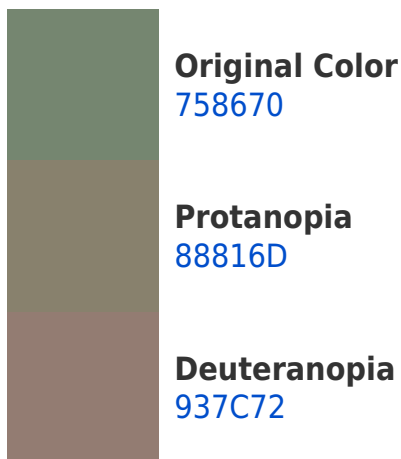


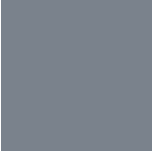
This preview shows how white text looks on a background with the Hex color 758670.

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
7A828C

Trichromacy



Original Color
758670

Protanomaly
81836E

Deuteranomaly
888071

Tritanomaly
788382

Monochromacy



Original Color
758670

Achromatopsia
7E7E7E

Achromatomaly
7B8179

CSS Examples

Text

The CSS property to change the color of the text to Hex 758670 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 #758670 looks like.

```
.text, #text, p{  
    color:#758670  
}
```

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 #758670 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #758670
}
```

Border

The CSS property to change the border of an element to Hex 758670 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
#758670 }
```

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

```
.border{ border-color:#758670 }
```

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

Here you see how a box with a 4 pixel #758670 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #758670; -webkit-box-shadow:4px 4px  
4px 4px #758670; box-shadow:4px 4px 4px  
4px #758670 }
```

Background

The CSS property to change the background color of an element to Hex 758670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#758670 }
```

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

```
.background{ background-color:#758670 }
```

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