

Converting Colors

Hex(738842)

Have a look what the booklet for
Hex(738842) contains.

Hex(738842)	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(738842)

Conversions

Conversions Part 1

Format	Color
Hex	738842
RGB	115, 136, 66
RGB Percent	45%, 53%, 26%
CMY	0.5490, 0.4667, 0.7412
CMYK	0.15, 0.00, 0.51, 0.47
HSL	78°, 35%, 40%
HSV	78°, 51%, 53%
XYZ	16.8578, 21.6465, 8.4440
YIQ	121.7410, 9.9540, -26.2220

Conversions

Conversions Part 2

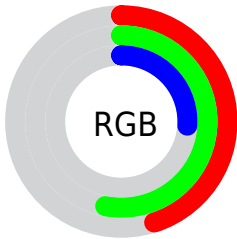
Format	Color
RYB	66, 136, 87
Decimal	7571522
CIELab	53.65, -19.29, 34.80
CIElCh	54, 39.786, 119.002
Yxy	21.6465, 0.3591, 0.4611
Android (android.graphics.Color)	4285761602 (0xFF738842)
YUV	121.7410, -27.4803, -5.9119
Hunter-Lab	46.5258, -16.7440, 21.8075

Details

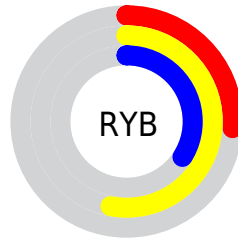
The Hex color **738842** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **574288**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **A8BD74**, and **415612** is the 20% darker color. If you saturate the color by 10%, you get **6F8834**, and if you desaturate by 10%, it is **778850**.

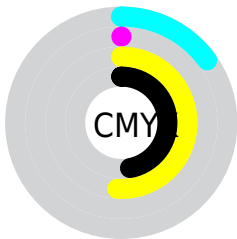
Distribution



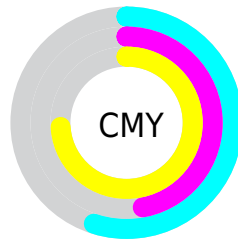
- Red (45%)
- Green (53%)
- Blue (26%)



- Red (26%)
- Yellow (53%)
- Blue (34%)



- Cyan (15%)
- Magenta (0%)
- Yellow (51%)
- Black (47%)



- Cyan (55%)
- Magenta (47%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 738842 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 738842 by changing the saturation by 10% instead.



738842



738842

FFFFFF



596F2A



A8BD74



415612



C4D98E



293F00



E0F6A9



112900



FDFFC4



001500



FFFEE0



000000

FFFFFFD



738842



738842



6F8834



778850

 6B8827

 7B885D

 678819

 7F886B

 63880C

 838878

 5F8800

 878886

 8B8894

 9088A1

 9488AF

 9888BC

Harmonies

Analogous

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



967E3A



738842



488F5C

Triad

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



738842



008DBA



BE6483

Complementary

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



738842



574288

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.



AA6BA4



738842



4184C4

Square

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



738842



0091A0



8178BC



C06761

Rectangle

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



738842



199172



8178BC



BA658E

Sweetspot

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



738842



A8B096



885742



545949



D9D9D9



595959

Same Dimension

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



738842



8FB043



518842



43453E



5D8500



040500

Inverse Universe

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



574288



6443B0



7A4288



403E45



280085



020005

Previews

White Background



This preview shows how the Hex color 738842 looks on a white background.

Color Contrast Check

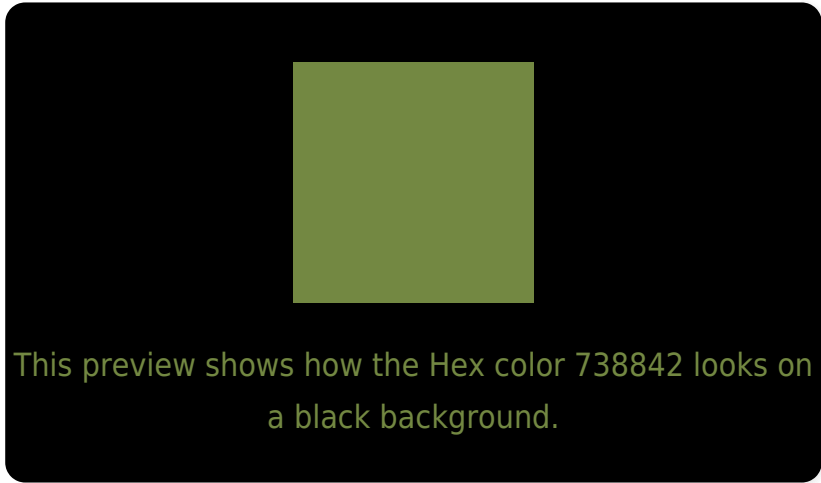
Large Text (above 18pt) WCAG AA ✓ Pass

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

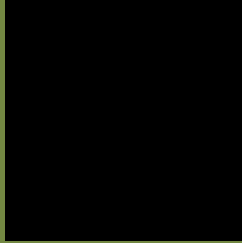
Any Text WCAG AA ✓ Pass

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 738842 Background



This preview shows how black text looks on a background with the Hex color 738842.



This preview shows how white text looks on a background with the Hex color 738842.

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



Original Color
738842

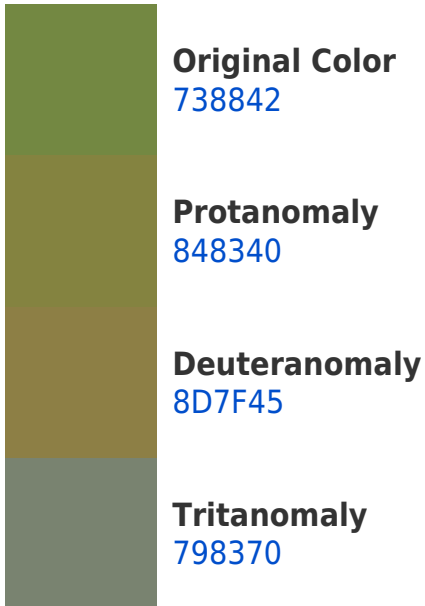
Protanopia
8D803F

Deuteranopia
9C7A46

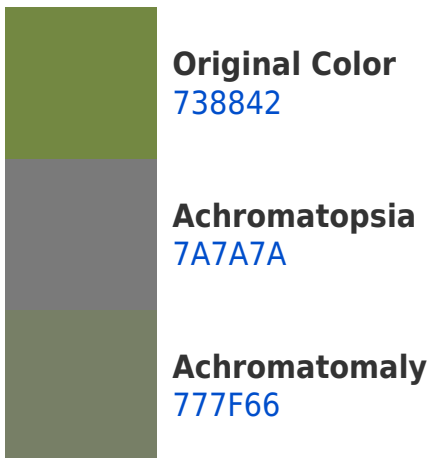


Tritanopia
7C808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 738842 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 #738842 looks like.

```
.text, #text, p{  
    color:#738842  
}
```

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 #738842 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #738842
}
```

Border

The CSS property to change the border of an element to Hex 738842 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
#738842 }
```

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

```
.border{ border-color:#738842 }
```

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

Here you see how a box with a 4 pixel #738842 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #738842; -webkit-box-shadow:4px 4px  
4px 4px #738842; box-shadow:4px 4px 4px  
4px #738842 }
```

Background

The CSS property to change the background color of an element to Hex 738842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#738842 }
```

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

```
.background{ background-color:#738842 }
```

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