

Converting Colors

Hex(748939)

Have a look what the booklet for
Hex(748939) contains.

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Color

Hex(748939)

Conversions

Conversions Part 1

Format	Color
Hex	748939
RGB	116, 137, 57
RGB Percent	45%, 54%, 22%
CMY	0.5451, 0.4627, 0.7765
CMYK	0.15, 0.00, 0.58, 0.46
HSL	76°, 41%, 38%
HSV	76°, 58%, 54%
XYZ	16.8866, 21.8997, 7.2079
YIQ	121.6010, 13.1640, -29.3320

Conversions

Conversions Part 2

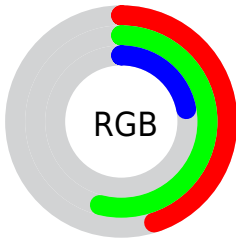
Format	Color
RYB	57, 137, 78
Decimal	7637305
CIELab	53.92, -20.30, 39.65
CIELCh	54, 44.540, 117.109
Yxy	21.8997, 0.3671, 0.4761
Android (android.graphics.Color)	4285827385 (0xFF748939)
YUV	121.6010, -31.8483, -4.9121
Hunter-Lab	46.7971, -17.4837, 23.6258

Details

The Hex color **748939** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4E3989**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **AABE6B**, and **415704** is the 20% darker color. If you saturate the color by 10%, you get **70892B**, and if you desaturate by 10%, it is **788947**.

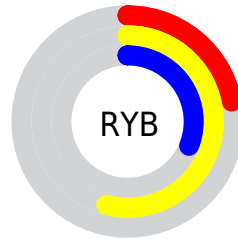
Distribution



Red (45%)

Green (54%)

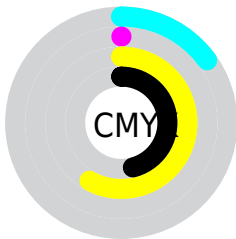
Blue (22%)



Red (22%)

Yellow (54%)

Blue (31%)

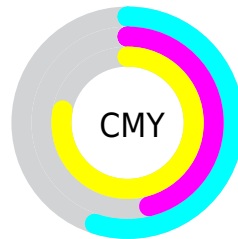


Cyan (15%)

Magenta (0%)

Yellow (58%)

Black (46%)



Cyan (55%)

Magenta (46%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 748939 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 748939 by changing the saturation by 10% instead.

 748939

 748939

FFFFFF

 5A7020

 AABE6B

 415704

 C6DA85

 2A4000

 E2F7A0

 102A00

 FFFFBB

 001600

 FFFFD7

 000000

 FFFFF4

 748939

 748939

 70892B

 788947

 6D891E

 7B8954

 698910

 7F8962

 668902

 828970

 658900

 86897E

 8A898B

 8D8999

 9189A7

 9489B4

Harmonies

Analogous

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



9A7E31



748939



439055

Triad

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



748939



008FC1



C56086

Complementary

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



748939



4E3989

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.



AD69AB



748939



2486CD

Square

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



748939



0094A3



7D78C5



C76360

Rectangle

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



748939



00936E



7D78C5



BF6293

Sweetspot

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



748939



AAB392



894D39



545946



D9D9D9



595959

Same Dimension

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



748939



92B336



4D8939



43453E



628500



040500

Inverse Universe

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



4E3989



5636B3



753989



403E45



230085



010005

Previews

White Background



This preview shows how the Hex color 748939 looks on a white background.

Color Contrast Check

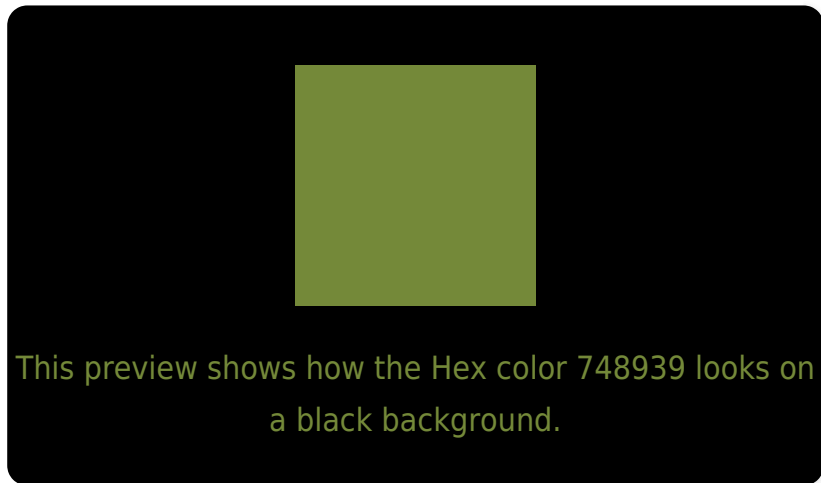
Large Text (above 18pt) WCAG AA ✓ Pass

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 748939 Background



This preview shows how black text looks on a background with the Hex color 748939.



This preview shows how white text looks on a background with the Hex color 748939.

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
748939

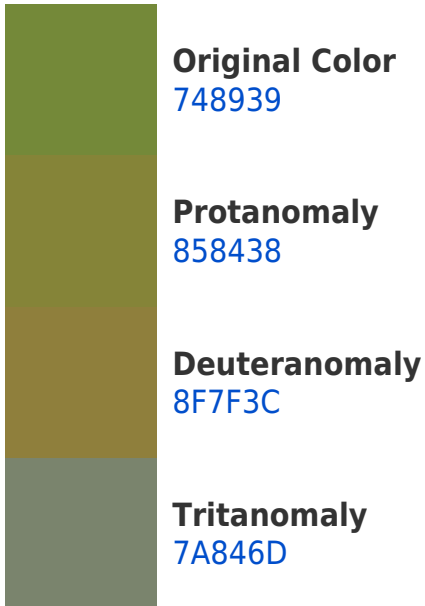
Protanopia
8F8137

Deuteranopia
9F7A3D

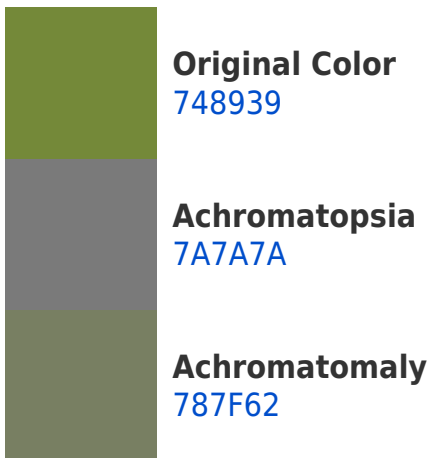


Tritanopia
7E818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 748939 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 #748939 looks like.

```
.text, #text, p{  
    color:#748939  
}
```

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 #748939 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #748939
}
```

Border

The CSS property to change the border of an element to Hex 748939 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
#748939 }
```

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

```
.border{ border-color:#748939 }
```

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

Here you see how a box with a 4 pixel #748939 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #748939; -webkit-box-shadow:4px 4px  
4px 4px #748939; box-shadow:4px 4px 4px  
4px #748939 }
```

Background

The CSS property to change the background color of an element to Hex 748939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#748939 }
```

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

```
.background{ background-color:#748939 }
```

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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