

Converting Colors

Hex(748938)

Have a look what the booklet for
Hex(748938) contains.

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Color

Hex(748938)

Conversions

Conversions Part 1

Format	Color
Hex	748938
RGB	116, 137, 56
RGB Percent	45%, 54%, 22%
CMY	0.5451, 0.4627, 0.7804
CMYK	0.15, 0.00, 0.59, 0.46
HSL	76°, 42%, 38%
HSV	76°, 59%, 54%
XYZ	16.8619, 21.8898, 7.0778
YIQ	121.4870, 13.4850, -29.6430

Conversions

Conversions Part 2

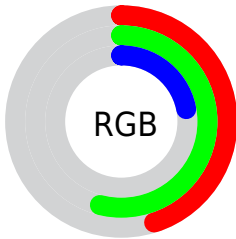
Format	Color
RYB	56, 137, 77
Decimal	7637304
CIELab	53.91, -20.39, 40.12
CIElCh	54, 45.001, 116.939
Yxy	21.8898, 0.3679, 0.4776
Android (android.graphics.Color)	4285827384 (0xFF748938)
YUV	121.4870, -32.2851, -4.8121
Hunter-Lab	46.7866, -17.5450, 23.7813

Details

The Hex color **748938** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4D3889**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **AABE6A**, and **415703** is the 20% darker color. If you saturate the color by 10%, you get **70892A**, and if you desaturate by 10%, it is **788946**.

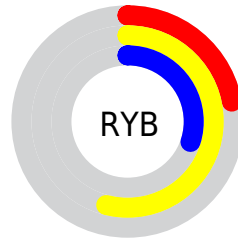
Distribution



Red (45%)

Green (54%)

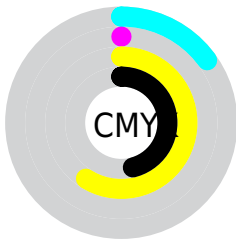
Blue (22%)



Red (22%)

Yellow (54%)

Blue (30%)

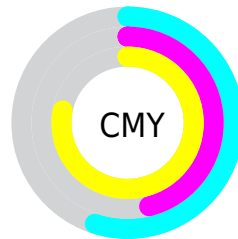


Cyan (15%)

Magenta (0%)

Yellow (59%)

Black (46%)



Cyan (55%)

Magenta (46%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 748938 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 748938 by changing the saturation by 10% instead.

 748938

 748938

FFFFFF

 5A701F

 AABE6A

 415703

 C6DA84

 2A4000

 E2F79F

 102A00

 FFFFBA

 001600

 FFFFD6

 000000

 FFFFF3

 748938

 748938

 70892A

 788946

■ 6D891D

■ 7B8953

■ 69890F

■ 7F8961

■ 668901

■ 82896F

■ 658900

■ 86897D

■ 89898A

■ 8D8998

■ 9089A6

■ 9489B3

Harmonies

Analogous

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



9A7D30



748938



429055

Triad

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



748938



008FC1



C55F86

Complementary

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



748938



4D3889

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.



AD69AC



748938



2086CE

Square

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



748938



0094A3



7C78C6



C86260

Rectangle

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



748938



00936E



7C78C6



C06194

Sweetspot

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



748938



AAB392



894C38



545946



D9D9D9



595959

Same Dimension

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



748938



92B334



4C8938



43453E



628500



040500

Inverse Universe

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



4D3889



5534B3



753889



403E45



220085



010005

Previews

White Background



This preview shows how the Hex color 748938 looks on a white background.

Color Contrast Check

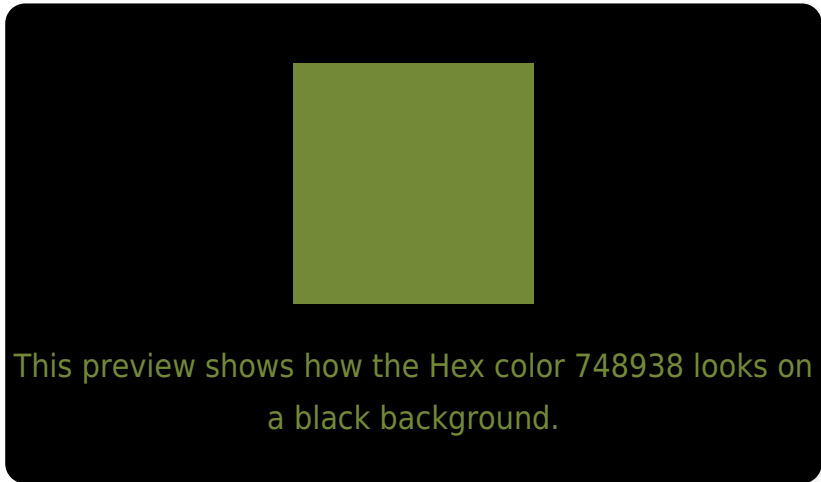
Large Text (above 18pt) WCAG AA ✓ Pass

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

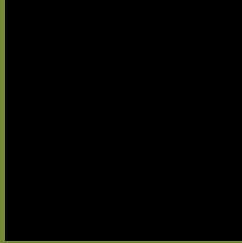
Any Text WCAG AA ✓ Pass

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 748938 Background



This preview shows how black text looks on a background with the Hex color 748938.



This preview shows how white text looks on a background with the Hex color 748938.

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](#).

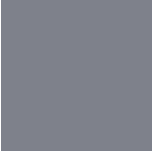
Dichromacy



Original Color
748938

Protanopia
8F8136

Deuteranopia
9F7A3C



Tritanopia
7E818B

Trichromacy



Original Color
748938

Protanomaly
858437

Deuteranomaly
8F7F3B

Tritanomaly
7A846D

Monochromacy



Original Color
748938

Achromatopsia
797979

Achromatomaly
777F61

CSS Examples

Text

The CSS property to change the color of the text to Hex 748938 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 #748938 looks like.

```
.text, #text, p{  
    color:#748938  
}
```

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 #748938 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #748938
}
```

Border

The CSS property to change the border of an element to Hex 748938 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
#748938 }
```

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

```
.border{ border-color:#748938 }
```

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

Here you see how a box with a 4 pixel #748938 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #748938; -webkit-box-shadow:4px 4px  
4px 4px #748938; box-shadow:4px 4px 4px  
4px #748938 }
```

Background

The CSS property to change the background color of an element to Hex 748938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#748938 }
```

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

```
.background{ background-color:#748938 }
```

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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