

Converting Colors

Hex(948738)

Have a look what the booklet for
Hex(948738) contains.

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Color

Hex(948738)

Conversions

Conversions Part 1

Format	Color
Hex	948738
RGB	148, 135, 56
RGB Percent	58%, 53%, 22%
CMY	0.4196, 0.4706, 0.7804
CMYK	0.00, 0.09, 0.62, 0.42
HSL	52°, 45%, 40%
HSV	52°, 62%, 58%
XYZ	21.5905, 23.9094, 7.2184
YIQ	129.8810, 33.1070, -21.8130

Conversions

Conversions Part 2

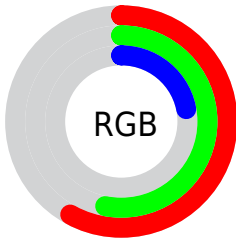
Format	Color
RYB	71, 148, 56
Decimal	9733944
CIELab	56.00, -5.25, 43.19
CIELCh	56, 43.506, 96.935
Yxy	23.9094, 0.4095, 0.4535
Android (android.graphics.Color)	4287924024 (0xFF948738)
YUV	129.8810, -36.4233, 15.8904
Hunter-Lab	48.8972, -6.7536, 25.4754

Details

The Hex color **948738** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **384594**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **CCBC6A**, and **5E5602** is the 20% darker color. If you saturate the color by 10%, you get **948529**, and if you desaturate by 10%, it is **948947**.

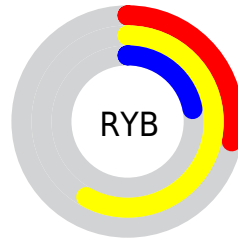
Distribution



Red (58%)

Green (53%)

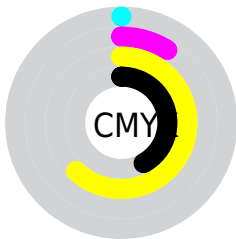
Blue (22%)



Red (28%)

Yellow (58%)

Blue (22%)

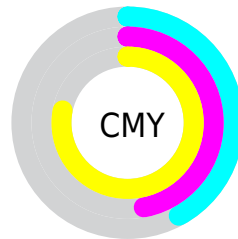


Cyan (0%)

Magenta (9%)

Yellow (62%)

Black (42%)



Cyan (42%)

Magenta (47%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 948738 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 948738 by changing the saturation by 10% instead.



948738



948738

FFFFFF



796E1F



CCBC6A



5E5602



E9D884



453F00



FFF49F



2C2900



FFFFBB



121500



FFFFD7



000000



FFFFF3



948738



948738



948529



948947

■ 94831A

■ 948B56

■ 94810C

■ 948D64

■ 947F00

■ 948F73

■ 949182

■ 949491

■ 9496A0

■ 9498AE

■ 949ABD

Harmonies

Analogous

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



B47A40



948738



6C9147

Triad

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



948738



0098B3



BC6BA5

Complementary

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



948738



384594

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.



9579C3



948738



0092CB

Square

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



948738



00998E



5487D1



CC667F

Rectangle

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



948738



4B965B



5487D1



B16FB0

Sweetspot

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



948738



BFBA9B



943846



615E4B



E0E0E0



616161

Same Dimension

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



948738



BFAB30



749438



4A4943



8A7600



0A0900

Inverse Universe

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



384594



3044BF



583894



43444A



00138A



00010A

Previews

White Background



This preview shows how the Hex color 948738 looks on a white background.

Color Contrast Check

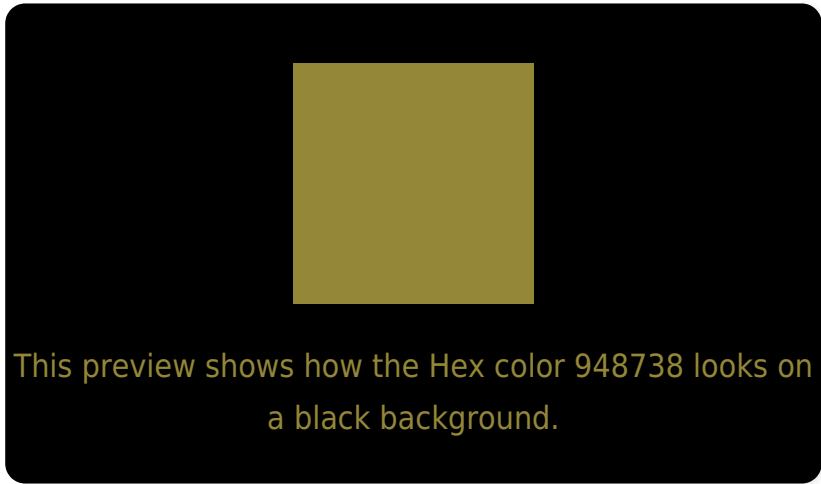
Large Text (above 18pt) WCAG AA ✓ Pass

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

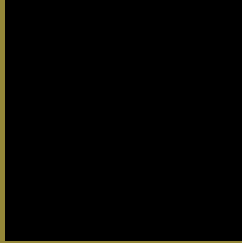
Any Text WCAG AA ✓ Pass

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 948738 Background



This preview shows how black text looks on a background with the Hex color 948738.



This preview shows how white text looks on a background with the Hex color 948738.

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
948738

Protanopia
958638

Deuteranopia
A6803A



Tritanopia
9B7F89

Trichromacy



Original Color
948738

Protanomaly
958638

Deuteranomaly
9F8339

Tritanomaly
98826C

Monochromacy



Original Color
948738

Achromatopsia
828282

Achromatomaly
898467

CSS Examples

Text

The CSS property to change the color of the text to Hex 948738 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 #948738 looks like.

```
.text, #text, p{  
    color:#948738  
}
```

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 #948738 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #948738
}
```

Border

The CSS property to change the border of an element to Hex 948738 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
#948738 }
```

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

```
.border{ border-color:#948738 }
```

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

Here you see how a box with a 4 pixel #948738 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #948738; -webkit-box-shadow:4px 4px  
4px 4px #948738; box-shadow:4px 4px 4px  
4px #948738 }
```

Background

The CSS property to change the background color of an element to Hex 948738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#948738 }
```

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

```
.background{ background-color:#948738 }
```

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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