

Converting Colors

Hex(958E38)

Have a look what the booklet for
Hex(958E38) contains.

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Color

Hex(958E38)

Conversions

Conversions Part 1

Format	Color
Hex	958E38
RGB	149, 142, 56
RGB Percent	58%, 56%, 22%
CMY	0.4157, 0.4431, 0.7804
CMYK	0.00, 0.05, 0.62, 0.42
HSL	55°, 45%, 40%
HSV	55°, 62%, 58%
XYZ	22.7812, 26.0211, 7.5633
YIQ	134.2890, 31.7780, -25.2620

Conversions

Conversions Part 2

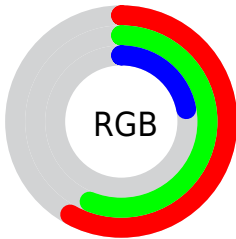
Format	Color
RYB	64, 149, 56
Decimal	9801272
CIELab	58.06, -8.62, 45.47
CIELCh	58, 46.281, 100.740
Yxy	26.0211, 0.4042, 0.4616
Android (android.graphics.Color)	4287991352 (0xFF958E38)
YUV	134.2890, -38.5965, 12.9015
Hunter-Lab	51.0109, -9.5517, 26.9168

Details

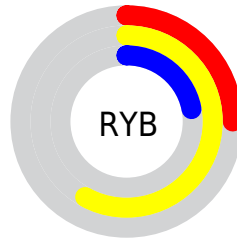
The Hex color **958E38** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **383F95**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **CDC36B**, and **5F5C00** is the 20% darker color. If you saturate the color by 10%, you get **958D29**, and if you desaturate by 10%, it is **958F47**.

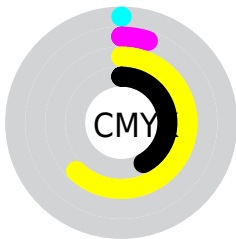
Distribution



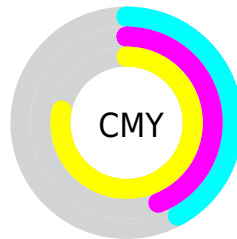
- Red (58%)
- Green (56%)
- Blue (22%)



- Red (25%)
- Yellow (58%)
- Blue (22%)



- Cyan (0%)
- Magenta (5%)
- Yellow (62%)
- Black (42%)



- Cyan (42%)
- Magenta (44%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 958E38 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 958E38 by changing the saturation by 10% instead.



958E38



958E38

FFFFFF



7A751E



CDC36B



5F5C00



EADF85



464500



FFFCA0



2D2F00



FFFFBB



141A00



FFFFD8



000000



FFFFF4



958E38



958E38



958D29



958F47

■ 958C1A

■ 959056

■ 958B0B

■ 959165

■ 958A00

■ 959274

■ 959483

■ 959591

■ 9596A0

■ 9597AF

■ 9598BE

Harmonies

Analogous

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



B8803E



958E38



69984C

Triad

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



958E38



009EBF



C86DA7

Complementary

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



958E38



383F95

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.



A17BC9



958E38



0097D7

Square

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



958E38



00A099



608BDB



D7697E

Rectangle

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



958E38



439D62



608BDB



BE71B4

Sweetspot

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



958E38



C2BF9D



953840



615F4B



E0E0E0



616161

Same Dimension

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



958E38



C2B730



6E9538



4A4943



8A7F00



0A0900

Inverse Universe

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



383F95



303BC2



5F3895



43434A



000A8A



00010A

Previews

White Background



This preview shows how the Hex color 958E38 looks on a white background.

Color Contrast Check

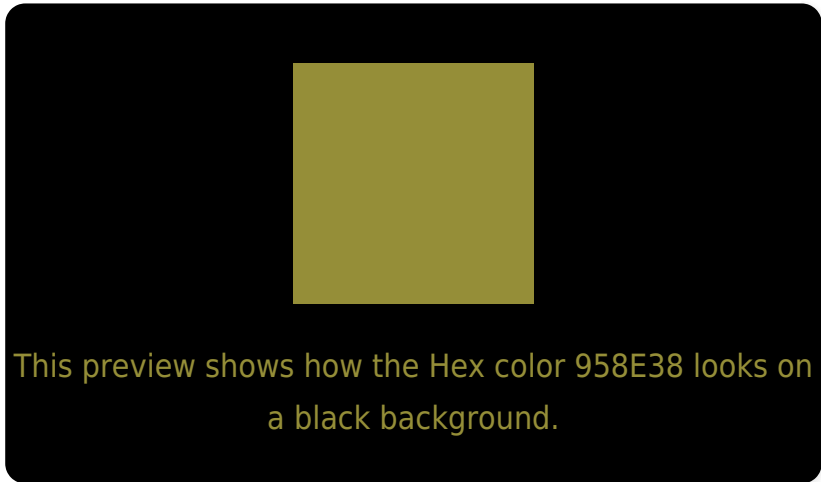
Large Text (above 18pt) WCAG AA ✓ Pass

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 958E38 Background



This preview shows how black text looks on a background with the Hex color 958E38.



This preview shows how white text looks on a background with the Hex color 958E38.

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
958E38

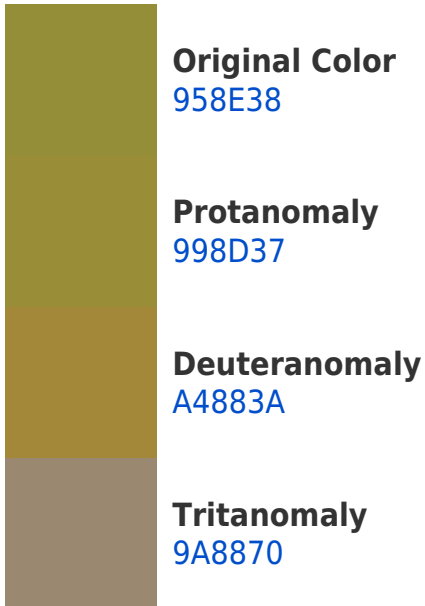
Protanopia
9C8C37

Deuteranopia
AD853B

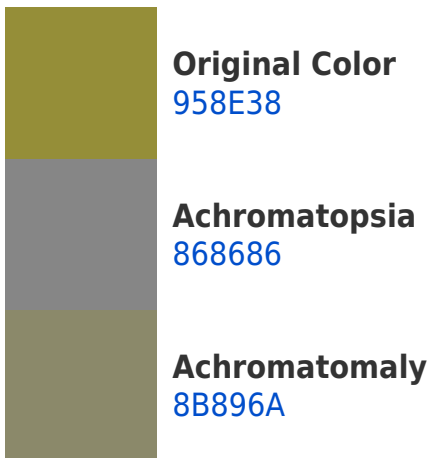


Tritanopia
9D8590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 958E38 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 #958E38 looks like.

```
.text, #text, p{  
    color:#958E38  
}
```

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 #958E38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #958E38  
}
```

Border

The CSS property to change the border of an element to Hex 958E38 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  
#958E38 }
```

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

```
.border{ border-color:#958E38 }
```

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

Here you see how a box with a 4 pixel #958E38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #958E38; -webkit-box-shadow:4px 4px  
4px 4px #958E38; box-shadow:4px 4px 4px  
4px #958E38 }
```

Background

The CSS property to change the background color of an element to Hex 958E38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#958E38 }
```

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

```
.background{ background-color:#958E38 }
```

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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