

Converting Colors

Hex(938728)

Have a look what the booklet for
Hex(938728) contains.

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Color

Hex(938728)

Conversions

Conversions Part 1

Format	Color
Hex	938728
RGB	147, 135, 40
RGB Percent	58%, 53%, 16%
CMY	0.4235, 0.4706, 0.8431
CMYK	0.00, 0.08, 0.73, 0.42
HSL	53°, 57%, 37%
HSV	53°, 73%, 58%
XYZ	21.0796, 23.6842, 5.4680
YIQ	127.7580, 37.6470, -27.0010

Conversions

Conversions Part 2

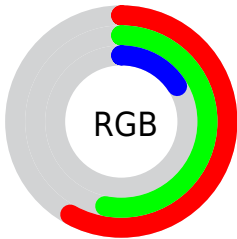
Format	Color
RYB	54, 147, 40
Decimal	9668392
CIELab	55.77, -6.70, 49.95
CIELCh	56, 50.401, 97.641
Yxy	23.6842, 0.4196, 0.4715
Android (android.graphics.Color)	4287858472 (0xFF938728)
YUV	127.7580, -43.2647, 16.8752
Hunter-Lab	48.6664, -7.8499, 27.4049

Details

The Hex color **938728** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **283493**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **CCBC5C**, and **5D5600** is the 20% darker color. If you saturate the color by 10%, you get **938519**, and if you desaturate by 10%, it is **938937**.

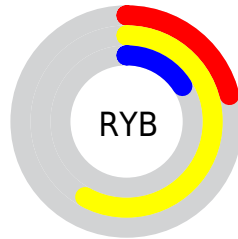
Distribution



Red (58%)

Green (53%)

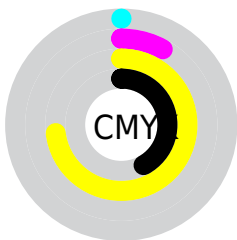
Blue (16%)



Red (21%)

Yellow (58%)

Blue (16%)

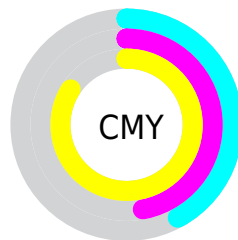


Cyan (0%)

Magenta (8%)

Yellow (73%)

Black (42%)



Cyan (42%)

Magenta (47%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 938728 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 938728 by changing the saturation by 10% instead.



938728



938728

FFFFFF



786E09



CCBC5C



5D5600



E9D876



433F00



FFF491



2A2900



FFFFAC



0E1500



FFFFC8



000000



FFFFE4



938728



938728



938519



938937

■ 93840B

■ 938A45

■ 938300

■ 938C54

■ 938E63

■ 938F71

■ 939180

■ 93938F

■ 93949E

■ 9396AC

Harmonies

Analogous

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



B87733



938728



64923C

Triad

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



938728



009ABA



C464A8

Complementary

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



938728



283493

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.



9775CB



938728



0093D6

Square

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



938728



009B90



4487DC



D65E7C

Rectangle

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



938728



3A9755



4487DC



B869B5

Sweetspot

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



938728



BFBB95



932834



615E48



E0E0E0



616161

Same Dimension

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



938728



BFAD19



6A9328



4A4943



8A7A00



0A0900

Inverse Universe

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



283493



192CBF



512893



43434A



000F8A



00010A

Previews

White Background



This preview shows how the Hex color 938728 looks on a white background.

Color Contrast Check

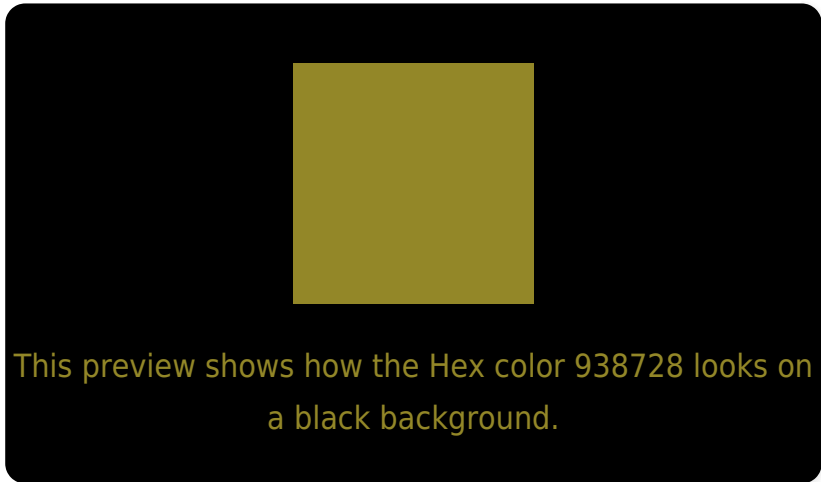
Large Text (above 18pt) WCAG AA ✓ Pass

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

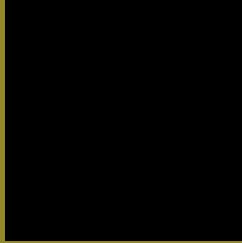
Any Text WCAG AA ✓ Pass

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 938728 Background



This preview shows how black text looks on a background with the Hex color 938728.



This preview shows how white text looks on a background with the Hex color 938728.

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
938728

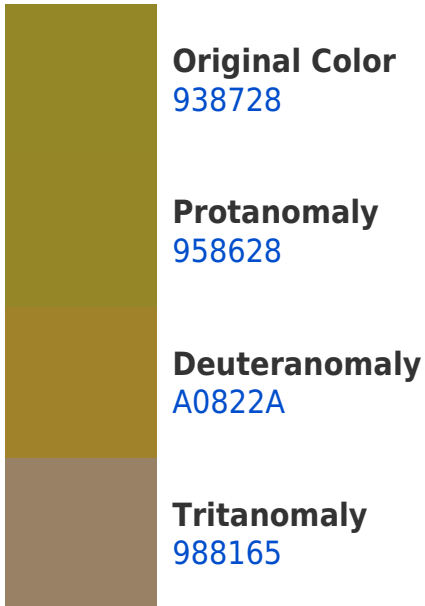
Protanopia
968628

Deuteranopia
A77F2B

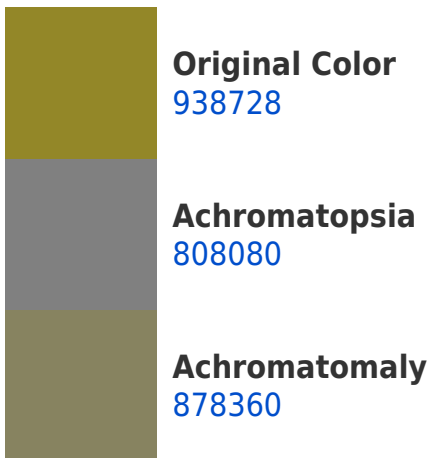


Tritanopia
9B7E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 938728 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 #938728 looks like.

```
.text, #text, p{  
    color:#938728  
}
```

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 #938728 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #938728
}
```

Border

The CSS property to change the border of an element to Hex 938728 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
#938728 }
```

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

```
.border{ border-color:#938728 }
```

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

Here you see how a box with a 4 pixel #938728 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #938728; -webkit-box-shadow:4px 4px  
4px 4px #938728; box-shadow:4px 4px 4px  
4px #938728 }
```

Background

The CSS property to change the background color of an element to Hex 938728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#938728 }
```

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

```
.background{ background-color:#938728 }
```

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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