

Converting Colors

Hex(936F22)

Have a look what the booklet for
Hex(936F22) contains.

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Color

Hex(936F22)

Conversions

Conversions Part 1

Format	Color
Hex	936F22
RGB	147, 111, 34
RGB Percent	58%, 44%, 13%
CMY	0.4235, 0.5647, 0.8667
CMYK	0.00, 0.24, 0.77, 0.42
HSL	41°, 62%, 35%
HSV	41°, 77%, 58%
XYZ	18.0058, 17.6874, 3.9784
YIQ	112.9860, 46.1730, -16.3150

Conversions

Conversions Part 2

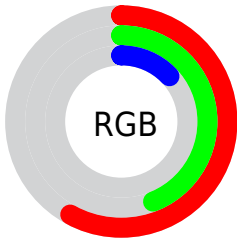
Format	Color
RYB	87, 147, 34
Decimal	9662242
CIELab	49.11, 6.50, 45.90
CIELCh	49, 46.358, 81.945
Yxy	17.6874, 0.4539, 0.4458
Android (android.graphics.Color)	4287852322 (0xFF936F22)
YUV	112.9860, -38.9401, 29.8303
Hunter-Lab	42.0564, 2.8233, 23.8309

Details

The Hex color **936F22** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **224693**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **CCA254**, and **5C4000** is the 20% darker color. If you saturate the color by 10%, you get **936A13**, and if you desaturate by 10%, it is **937431**.

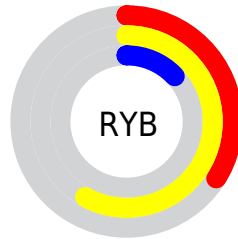
Distribution



Red (58%)

Green (44%)

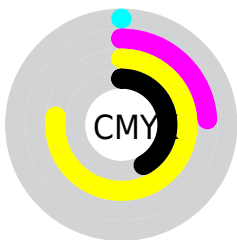
Blue (13%)



Red (34%)

Yellow (58%)

Blue (13%)

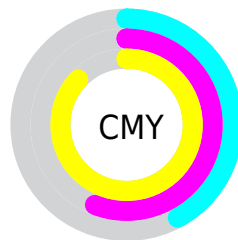


Cyan (0%)

Magenta (24%)

Yellow (77%)

Black (42%)



Cyan (42%)

Magenta (56%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 936F22 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 936F22 by changing the saturation by 10% instead.



936F22



936F22

FFFFFF



775704



CCA254



5C4000



EABD6E



422A00



FFD988



281600



FFF6A3



070000



FFFFBE



000000



FFF9DB



FFFFF7



936F22



936F22

■ 936A13

■ 937431

■ 936605

■ 93783F

■ 936400

■ 937D4E

■ 93825D

■ 93866C

■ 938B7A

■ 939089

■ 939498

■ 9399A6

Harmonies

Analogous

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



AF6038



936F22



6E7B26

Triad

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



936F22



008891



9A5EA6

Complementary

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



936F22



224693

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.



646FBE



936F22



0084B2

Square

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



936F22



008768



007CC2



B75281

Rectangle

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



936F22



508137



007CC2



8B64AF

Sweetspot

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



936F22



BFB193



932248



615846



E0E0E0



616161

Same Dimension

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



936F22



BF870F



809322



4A4843



8A5E00



0A0700

Inverse Universe

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



224693



0F47BF



352293



43454A



002C8A



00030A

Previews

White Background



This preview shows how the Hex color 936F22 looks on a white background.

Color Contrast Check

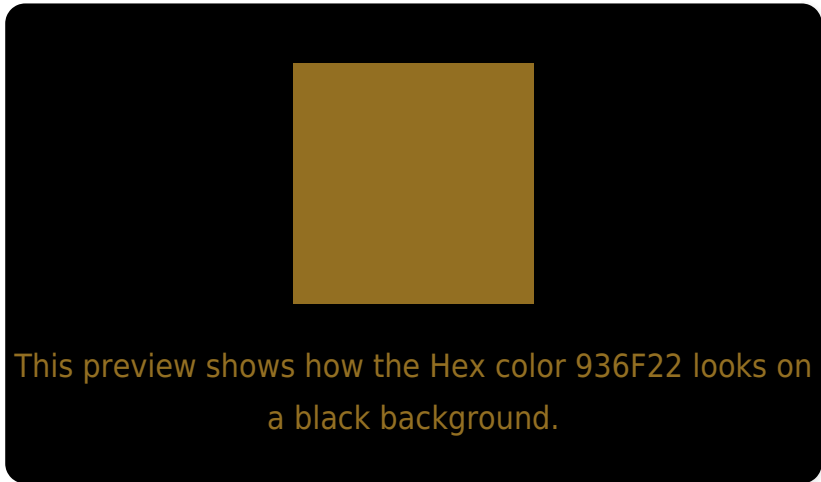
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 936F22 Background



This preview shows how black text looks on a background with the Hex color 936F22.



This preview shows how white text looks on a background with the Hex color 936F22.

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
936F22

Protanopia
837524

Deuteranopia
936F22

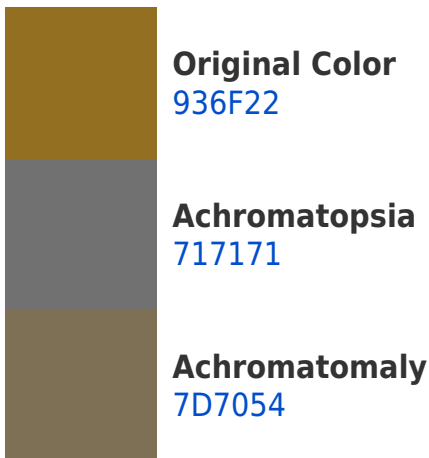


Tritanopia
986870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 936F22 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 #936F22 looks like.

```
.text, #text, p{  
    color:#936F22  
}
```

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 #936F22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #936F22
}
```

Border

The CSS property to change the border of an element to Hex 936F22 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
#936F22 }
```

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

```
.border{ border-color:#936F22 }
```

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

Here you see how a box with a 4 pixel #936F22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #936F22; -webkit-box-shadow:4px 4px  
4px 4px #936F22; box-shadow:4px 4px 4px  
4px #936F22 }
```

Background

The CSS property to change the background color of an element to Hex 936F22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#936F22 }
```

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

```
.background{ background-color:#936F22 }
```

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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