

Converting Colors

Hex(936927)

Have a look what the booklet for
Hex(936927) contains.

Hex(936927)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(936927)

Conversions

Conversions Part 1

Format	Color
Hex	936927
RGB	147, 105, 39
RGB Percent	58%, 41%, 15%
CMY	0.4235, 0.5882, 0.8471
CMYK	0.00, 0.29, 0.73, 0.42
HSL	37°, 58%, 36%
HSV	37°, 73%, 58%
XYZ	17.4504, 16.4527, 4.1754
YIQ	110.0340, 46.2180, -11.6220

Conversions

Conversions Part 2

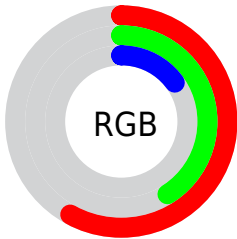
Format	Color
RYB	108, 147, 39
Decimal	9660711
CIELab	47.56, 10.20, 42.15
CIELCh	48, 43.364, 76.394
Yxy	16.4527, 0.4583, 0.4321
Android (android.graphics.Color)	4287850791 (0xFF936927)
YUV	110.0340, -35.0198, 32.4192
Hunter-Lab	40.5619, 5.8103, 22.2901

Details

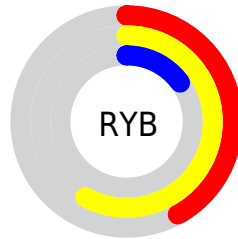
The Hex color **936927** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **275193**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **CC9C58**, and **5C3A00** is the 20% darker color. If you saturate the color by 10%, you get **936318**, and if you desaturate by 10%, it is **936F36**.

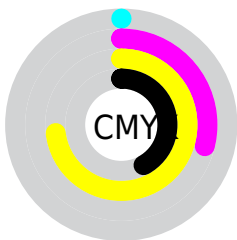
Distribution



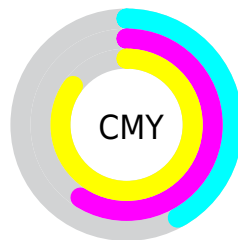
- Red (58%)
- Green (41%)
- Blue (15%)



- Red (42%)
- Yellow (58%)
- Blue (15%)



- Cyan (0%)
- Magenta (29%)
- Yellow (73%)
- Black (42%)



- Cyan (42%)
- Magenta (59%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 936927 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 936927 by changing the saturation by 10% instead.



936927



936927

FFFFFF



77510D



CC9C58



5C3A00



EAB771



422500



FFD28C



281100



FFEFA6



000000



FFFFC2



FFFFDE



FFFFFB



936927



936927

■ 936318

■ 936F36

■ 935E0A

■ 937444

■ 935A00

■ 937A53

■ 938062

■ 938671

■ 938B7F

■ 93918E

■ 93979D

■ 939CAB

Harmonies

Analogous

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



AB5B3D



936927



727526

Triad

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



936927



008384



8D5FA4

Complementary

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



936927



275193

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.



556EB7



936927



0080A5

Square

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



936927



00825E



007AB8



AB5383

Rectangle

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



936927



577B33



007AB8



7D64AC

Sweetspot

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



936927



BFAF95



932752



615748



E0E0E0



616161

Same Dimension

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



936927



BF7E17



889327



4A4743



8A5400



0A0600

Inverse Universe

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



275193



1758BF



322793



43454A



00368A



00040A

Previews

White Background



This preview shows how the Hex color 936927 looks on a white background.

Color Contrast Check

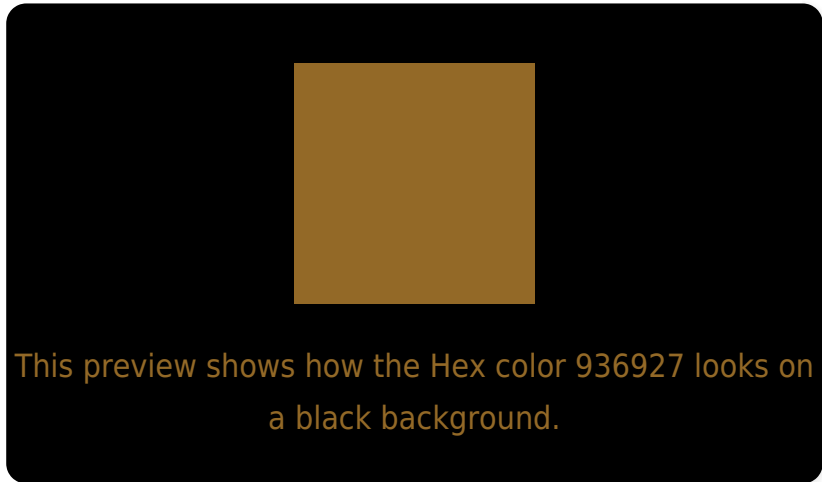
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 936927 Background



This preview shows how black text looks on a background with the Hex color 936927.



This preview shows how white text looks on a background with the Hex color 936927.

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
936927

Protanopia
7E7129

Deuteranopia
8E6C26

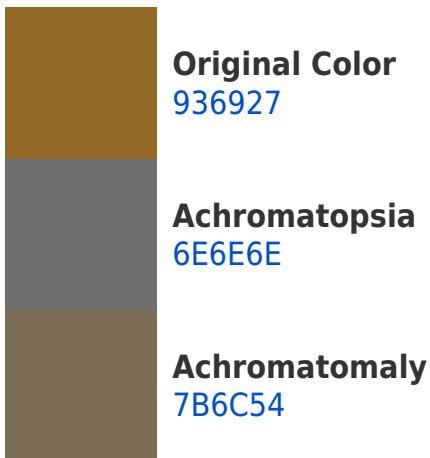


Tritanopia
97626A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 936927 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 #936927 looks like.

```
.text, #text, p{  
    color:#936927  
}
```

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 #936927 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #936927 }  
}
```

Border

The CSS property to change the border of an element to Hex 936927 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 #936927 }  
}
```

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

```
.border{ border-color:#936927 }
```

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

Here you see how a box with a 4 pixel #936927 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #936927; -webkit-box-shadow:4px 4px  
4px 4px #936927; box-shadow:4px 4px 4px  
4px #936927 }
```

Background

The CSS property to change the background color of an element to Hex 936927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#936927 }
```

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

```
.background{ background-color:#936927 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor