

Converting Colors

Hex(937629)

Have a look what the booklet for
Hex(937629) contains.

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Color

Hex(937629)

Conversions

Conversions Part 1

Format	Color
Hex	937629
RGB	147, 118, 41
RGB Percent	58%, 46%, 16%
CMY	0.4235, 0.5373, 0.8392
CMYK	0.00, 0.20, 0.72, 0.42
HSL	44°, 56%, 37%
HSV	44°, 72%, 58%
XYZ	18.9113, 19.3200, 4.8302
YIQ	117.8930, 42.0010, -17.7990

Conversions

Conversions Part 2

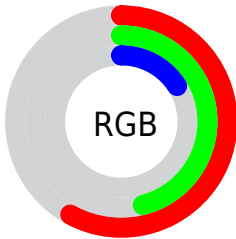
Format	Color
R_{YB}	81, 147, 41
Decimal	9664041
CIE Lab	51.06, 2.85, 44.82
CIE LCh	51, 44.910, 86.364
Yxy	19.3200, 0.4392, 0.4487
Android (android.graphics.Color)	4287854121 (0xFF937629)
YUV	117.8930, -37.9082, 25.5268
Hunter-Lab	43.9545, -0.1214, 24.2527

Details

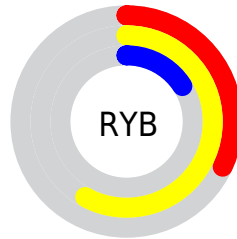
The Hex color **937629** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **294693**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **CCAA5B**, and **5D4600** is the 20% darker color. If you saturate the color by 10%, you get **93721A**, and if you desaturate by 10%, it is **937A38**.

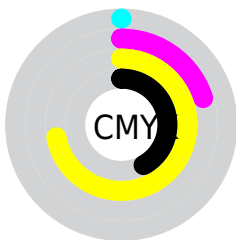
Distribution



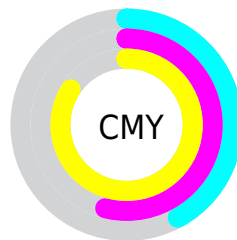
- Red (58%)
- Green (46%)
- Blue (16%)



- Red (32%)
- Yellow (58%)
- Blue (16%)



- Cyan (0%)
- Magenta (20%)
- Yellow (72%)
- Black (42%)



- Cyan (42%)
- Magenta (54%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 937629 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 937629 by changing the saturation by 10% instead.



937629



937629

FFFFFF



775D0E



CCAA5B



5D4600



E9C575



433000



FFE18F



291B00



FFFEAA



0D0100



FFFFC6



000000



FFFFE2



937629



937629



93721A



937A38

■ 936E0C

■ 937E46

■ 936B00

■ 938255

■ 938664

■ 938A72

■ 938E81

■ 939290

■ 93969F

■ 939AAD

Harmonies

Analogous

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



B0683A



937629



6D8131

Triad

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



937629



008C9B



A462A5

Complementary

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



937629



294693

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.



7371BE



937629



0088B9

Square

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



937629



008C74



017FC6



BD5880

Rectangle

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



937629



4F8742



017FC6



9767AF

Sweetspot

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



937629



BFB495



932947



615A48



E0E0E0



616161

Same Dimension

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



937629



BF9219



7C9329



4A4843



8A6400



0A0700

Inverse Universe

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



294693



1946BF



402993



43454A



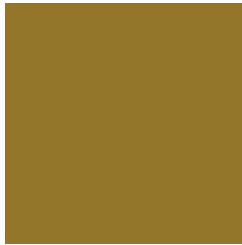
00268A



00030A

Previews

White Background



This preview shows how the Hex color 937629 looks on a white background.

Color Contrast Check

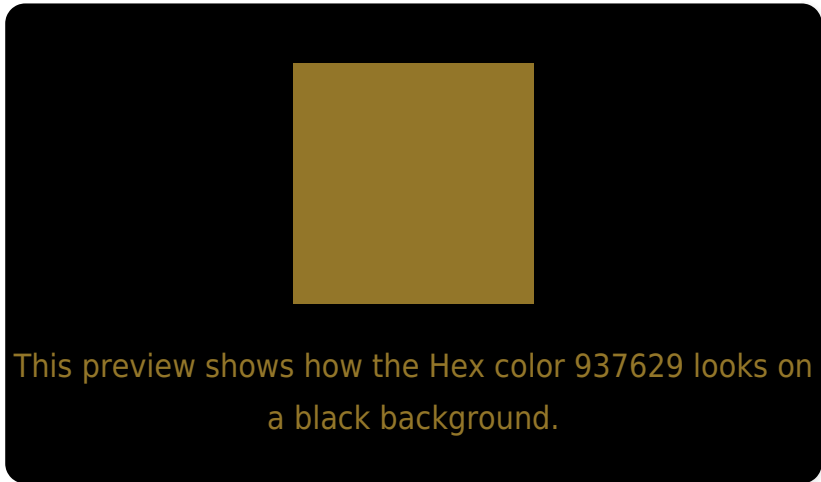
Large Text (above 18pt) WCAG AA ✓ Pass

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

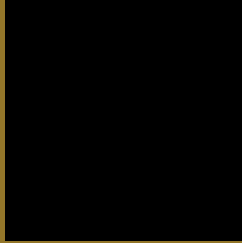
Any Text WCAG AA ✓ Pass

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 937629 Background



This preview shows how black text looks on a background with the Hex color 937629.



This preview shows how white text looks on a background with the Hex color 937629.

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
937629

Protanopia
887A2A

Deuteranopia
98742A

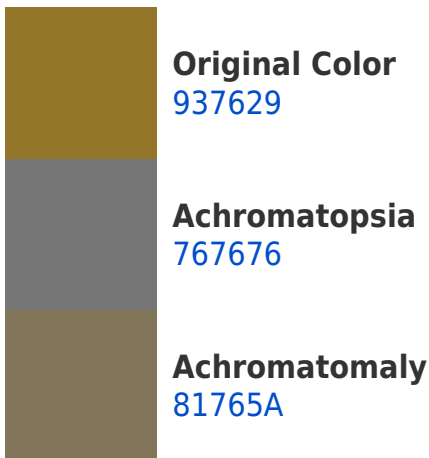


Tritanopia
996E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 937629 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 #937629 looks like.

```
.text, #text, p{  
    color:#937629  
}
```

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 #937629 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #937629
}
```

Border

The CSS property to change the border of an element to Hex 937629 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
#937629 }
```

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

```
.border{ border-color:#937629 }
```

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

Here you see how a box with a 4 pixel #937629 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #937629; -webkit-box-shadow:4px 4px  
4px 4px #937629; box-shadow:4px 4px 4px  
4px #937629 }
```

Background

The CSS property to change the background color of an element to Hex 937629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#937629 }
```

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

```
.background{ background-color:#937629 }
```

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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