

# Converting Colors

Hex(929637)

Have a look what the booklet for  
Hex(929637) contains.

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**Color**

**Hex(929637)**

# Conversions

## Conversions Part 1

Format	Color
Hex	929637
RGB	146, 150, 55
RGB Percent	57%, 59%, 22%
CMY	0.4275, 0.4118, 0.7843
CMYK	0.03, 0.00, 0.63, 0.41
HSL	63°, 46%, 40%
HSV	63°, 63%, 59%
XYZ	23.4500, 28.1995, 7.8215
YIQ	137.9740, 28.1110, -30.3930

# Conversions

## Conversions Part 2

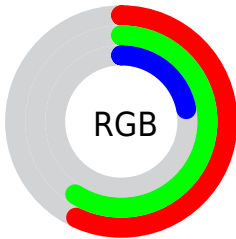
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 150, 59
Decimal	9606711
CIELab	60.07, -14.29, 48.01
CIELCh	60, 50.093, 106.569
Yxy	28.1995, 0.3943, 0.4742
Android (android.graphics.Color)	4287796791 (0xFF929637)
YUV	137.9740, -40.9062, 7.0388
Hunter-Lab	53.1032, -14.1063, 28.4395

# Details

The Hex color **929637** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3B3796**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **CACC6A**, and **5D6300** is the 20% darker color. If you saturate the color by 10%, you get **919628**, and if you desaturate by 10%, it is **939646**.

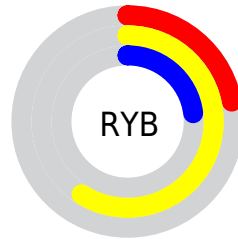
# Distribution



Red (57%)

Green (59%)

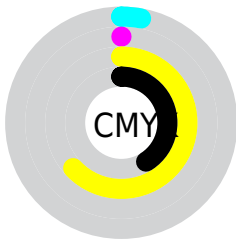
Blue (22%)



Red (22%)

Yellow (59%)

Blue (23%)

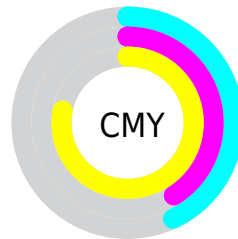


Cyan (3%)

Magenta (0%)

Yellow (63%)

Black (41%)



Cyan (43%)

Magenta (41%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 929637 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 929637 by changing the saturation by 10% instead.





929637



929637

FFFFFF



777C1C



CACC6A



5D6300



E7E885



434C00



FFFFA0



2A3500



FFFFBB



112000



FFFFD8



000000



FFFFF5



929637



929637



919628



939646

■ 919619

■ 939655

■ 90960A

■ 949664

■ 909600

■ 959673

■ 959682

■ 969691

■ 9696A0

■ 9796AF

■ 9896BE

# Harmonies

## Analogous

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



BA8738



929637



5FA051

# Triad

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



929637



00A4D0



D86DA7

# Complementary

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



929637



3B3796

# 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.



B37BCE



929637



009BE6

# Square

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



929637



00A7A9



708DE5



E36B7A

# Rectangle

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



929637



2CA46C



708DE5



CE70B5



# Sweetspot

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



929637



C0C29D



963A37



60614B



E0E0E0



616161



# Same Dimension

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



929637



BCC22F



639637



4A4A43



848A00



0A0A00



# Inverse Universe

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



3B3796



352FC2



6A3796



43434A



06008A



00000A



# Previews

## White Background



This preview shows how the Hex color 929637 looks on a white background.

## Color Contrast Check

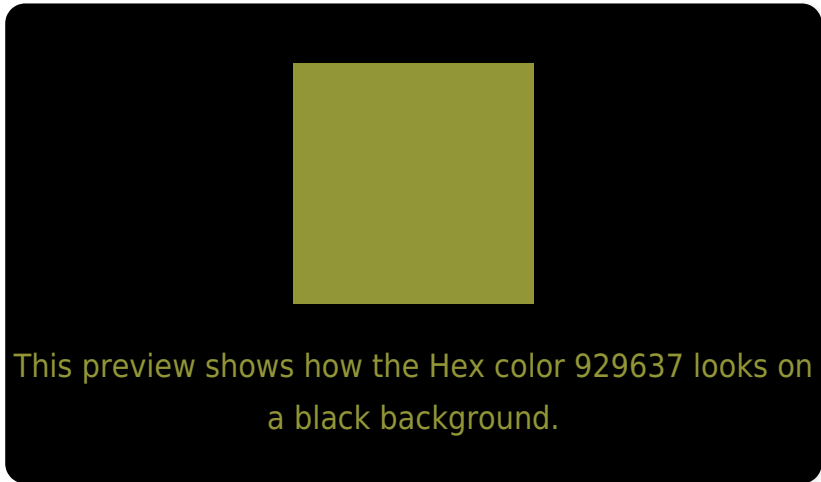
Large Text (above 18pt) WCAG AA ✓ Pass

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 929637 Background



This preview shows how black text looks on a background with the Hex color 929637.



This preview shows how white text looks on a background with the Hex color 929637.

# 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**  
929637

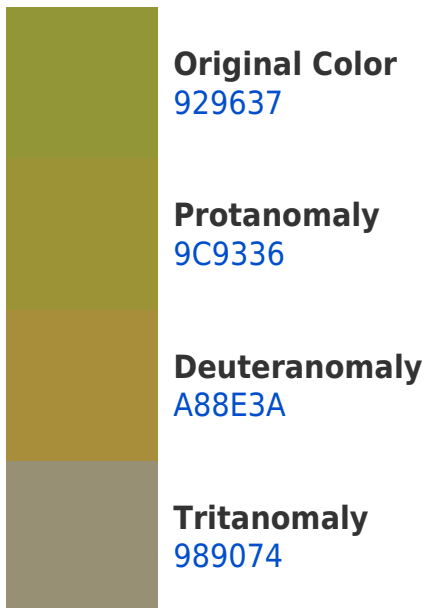
**Protanopia**  
A29136

**Deuteranopia**  
B48A3B

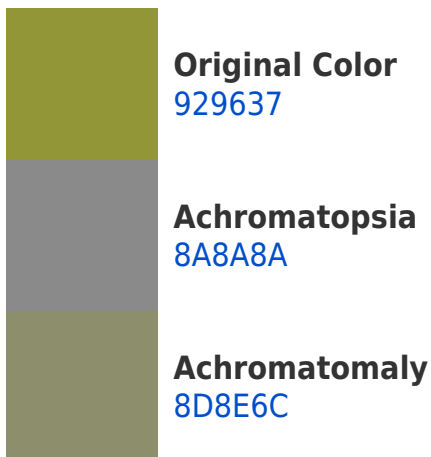


**Tritanopia**  
9B8C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 929637 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 #929637 looks like.

```
.text, #text, p{  
    color:#929637  
}
```

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 #929637 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #929637
}
```

## Border

The CSS property to change the border of an element to Hex 929637 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
#929637 }
```

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

```
.border{ border-color:#929637 }
```

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

Here you see how a box with a 4 pixel #929637 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #929637; -webkit-box-shadow:4px 4px  
4px 4px #929637; box-shadow:4px 4px 4px  
4px #929637 }
```

# Background

The CSS property to change the background color of an element to Hex 929637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#929637 }
```

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

```
.background{ background-color:#929637 }
```

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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