

# Converting Colors

Hex(939C0A)

Have a look what the booklet for  
Hex(939C0A) contains.

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**Color**

**Hex(939C0A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	939C0A
RGB	147, 156, 10
RGB Percent	58%, 61%, 4%
CMY	0.4235, 0.3882, 0.9608
CMYK	0.06, 0.00, 0.94, 0.39
HSL	64°, 88%, 33%
HSV	64°, 94%, 61%
XYZ	23.9759, 30.0019, 4.8144
YIQ	136.6650, 41.5020, -47.3140

# Conversions

## Conversions Part 2

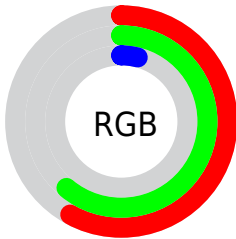
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 156, 19
Decimal	9673738
CIELab	61.66, -18.80, 63.17
CIELCh	62, 65.905, 106.574
Yxy	30.0019, 0.4078, 0.5103
Android (android.graphics.Color)	4287863818 (0xFF939C0A)
YUV	136.6650, -62.4458, 9.0638
Hunter-Lab	54.7740, -17.7208, 33.1304

# Details

The Hex color **939C0A** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **130A9C**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **CCD24D**, and **5C6900** is the 20% darker color. If you saturate the color by 10%, you get **929C00**, and if you desaturate by 10%, it is **949C1A**.

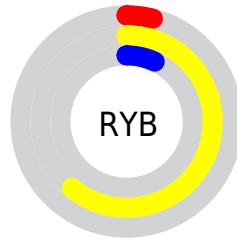
# Distribution



Red (58%)

Green (61%)

Blue (4%)



Red (4%)

Yellow (61%)

Blue (7%)

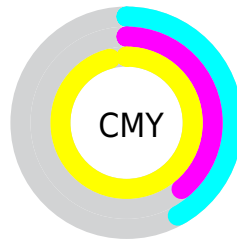


Cyan (6%)

Magenta (0%)

Yellow (94%)

Black (39%)



Cyan (42%)

Magenta (39%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 939C0A 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 939C0A by changing the saturation by 10% instead.



 939C0A

 939C0A

FFFFFF

 778200

 CCD24D

 5C6900

 EA6F68

 415100

 FFFF83

 273A00

 FFFF9F

 0D2400

 FFFFBB

 000B00

 FFFFD8

 000000

 FFFFF5

 939C0A

 939C0A

■ 929C00

■ 949C1A

■ 959C29

■ 969C39

■ 979C48

■ 989C58

■ 999C68

■ 9A9C77

■ 9B9C87

■ 9C9C96

# Harmonies

## Analogous

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



C78912



939C0A



4DA83E

# Triad

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



939C0A



00ADE9



F15FB2

# Complementary

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



939C0A



130A9C

# 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.



C076E6



939C0A



00A3FF

# Square

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



939C0A



00B0B5



5D90FF



FE5C77

# Rectangle

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



939C0A



00AD64



5D90FF



E565C5



# Sweetspot

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



939C0A



C8CC93



9C110A



646643



E6E6E6



666666



# Same Dimension

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



939C0A



BFCC00



4C9C0A



4F4F47



868F00



0E0F00



# Inverse Universe

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



130A9C



0D00CC



5A0A9C



48474F



09008F



01000F



# Previews

## White Background



This preview shows how the Hex color 939C0A looks on a white background.

## Color Contrast Check

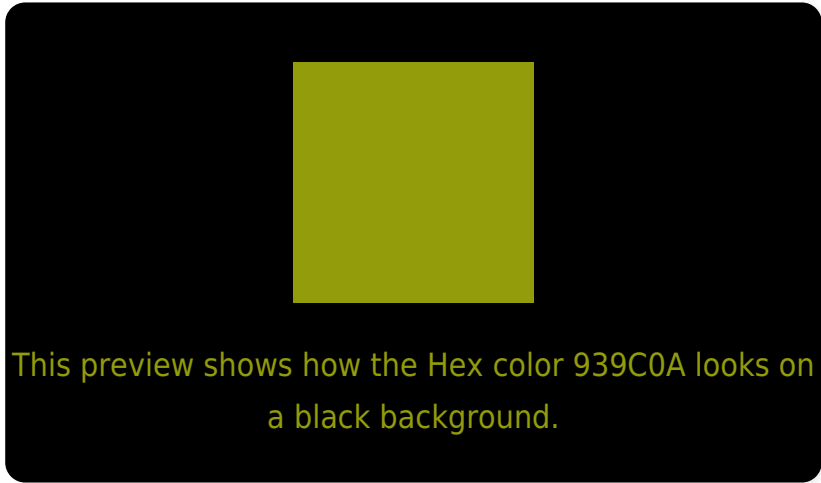
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

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



## Hex 939C0A Background



This preview shows how black text looks on a background with the Hex color 939C0A.



This preview shows how white text looks on a background with the Hex color 939C0A.

# 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**  
939C0A

**Protanopia**  
A89504

**Deuteranopia**  
BC8D1B



**Tritanopia**  
9E919C

# Trichromacy



**Original Color**  
939C0A

**Protanomaly**  
A09806

**Deuteranomaly**  
AD9215

**Tritanomaly**  
9A9567

# Monochromacy



**Original Color**  
939C0A

**Achromatopsia**  
898989

**Achromatomaly**  
8D905B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 939C0A 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 #939C0A looks like.

```
.text, #text, p{  
    color:#939C0A  
}
```

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 #939C0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #939C0A
}
```

## Border

The CSS property to change the border of an element to Hex 939C0A 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
#939C0A }
```

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

```
.border{ border-color:#939C0A }
```

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

Here you see how a box with a 4 pixel #939C0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #939C0A; -webkit-box-shadow:4px 4px  
4px 4px #939C0A; box-shadow:4px 4px 4px  
4px #939C0A }
```

# Background

The CSS property to change the background color of an element to Hex 939C0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#939C0A }
```

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

```
.background{ background-color:#939C0A }
```

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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