

# Converting Colors

Hex(959401)

Have a look what the booklet for  
Hex(959401) contains.

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**Color**

**Hex(959401)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	959401
RGB	149, 148, 1
RGB Percent	58%, 58%, 0%
CMY	0.4157, 0.4196, 0.9961
CMYK	0.00, 0.01, 0.99, 0.42
HSL	60°, 99%, 29%
HSV	60°, 99%, 58%
XYZ	22.9898, 27.5716, 4.1389
YIQ	131.5410, 47.7830, -45.5050

# Conversions

## Conversions Part 2

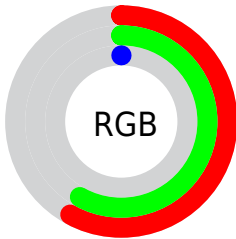
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	2, 149, 1
Decimal	9802753
CIE Lab	59.50, -13.90, 62.93
CIE LCh	59, 64.442, 102.455
Yxy	27.5716, 0.4203, 0.5040
Android (android.graphics.Color)	4287992833 (0xFF959401)
YUV	131.5410, -64.3567, 15.3115
Hunter-Lab	52.5086, -13.7376, 32.0826

# Details

The Hex color **959401** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **010295**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **CFCA48**, and **5E6200** is the 20% darker color. If you saturate the color by 10%, you get **959400**, and if you desaturate by 10%, it is **959410**.

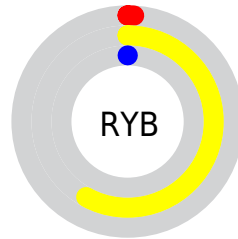
# Distribution



Red (58%)

Green (58%)

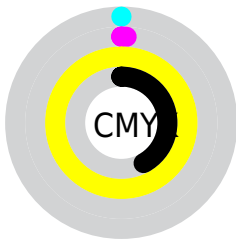
Blue (0%)



Red (1%)

Yellow (58%)

Blue (0%)

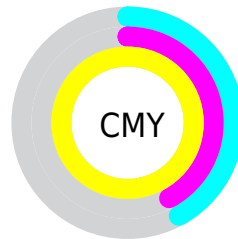


Cyan (0%)

Magenta (1%)

Yellow (99%)

Black (42%)



Cyan (42%)

Magenta (42%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 959401 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 959401 by changing the saturation by 10% instead.



 959401

 959401

FFFFFF

 797A00

 CFCA48

 5E6200

 ECE663

 434A00

 FFFF7E

 293400

 FFFF9A

 101F00

 FFFFB6

 000000

 FFFFD3

 FFFFF0

 959401

 959401

■ 959400

■ 959410

■ 95941F

■ 95942E

■ 95943D

■ 95954B

■ 95955A

■ 959569

■ 959578

■ 959587

# Harmonies

## Analogous

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



C68016



959401



55A134

# Triad

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



959401



00A7DB



E45DB3

# Complementary

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



959401



010295

# 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.



B075E4



959401



009FFB

# Square

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



959401



00AAA6



3F8EFF



F5577A

# Rectangle

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



959401



00A658



3F8EFF



D764C5



# Sweetspot

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



959401



C2C188



950103



61613E



E0E0E0



616161



# Same Dimension

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



959401



C2C000



4D9501



4A4A43



8A8900



0A0A00



# Inverse Universe

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



010295



0001C2



490195



43434A



00018A



00000A



# Previews

## White Background



This preview shows how the Hex color 959401 looks on a white background.

## Color Contrast Check

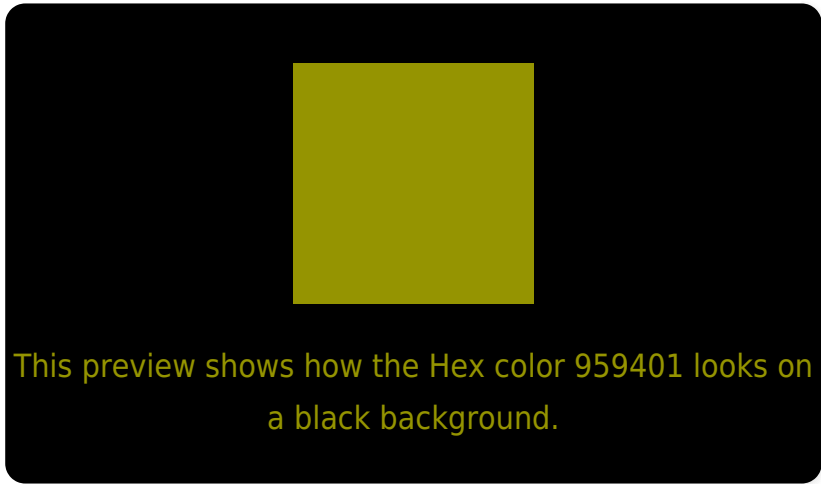
Large Text (above 18pt) WCAG AA ✓ Pass

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 959401 Background



This preview shows how black text looks on a background with the Hex color 959401.



This preview shows how white text looks on a background with the Hex color 959401.

# 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**  
959401

**Protanopia**  
A29000

**Deuteranopia**  
B58816



**Tritanopia**  
9F8A94

# Trichromacy



**Original Color**  
959401

**Protanomaly**  
9D9100

**Deuteranomaly**  
A98C0E

**Tritanomaly**  
9B8E5F

# Monochromacy



**Original Color**  
959401

**Achromatopsia**  
848484

**Achromatomaly**  
8A8A54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 959401 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 #959401 looks like.

```
.text, #text, p{  
    color:#959401  
}
```

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 #959401 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #959401
}
```

## Border

The CSS property to change the border of an element to Hex 959401 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
#959401 }
```

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

```
.border{ border-color:#959401 }
```

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

Here you see how a box with a 4 pixel #959401 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #959401; -webkit-box-shadow:4px 4px  
4px 4px #959401; box-shadow:4px 4px 4px  
4px #959401 }
```

# Background

The CSS property to change the background color of an element to Hex 959401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#959401 }
```

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

```
.background{ background-color:#959401 }
```

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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