

# Converting Colors

Hex(979339)

Have a look what the booklet for  
Hex(979339) contains.

<b>Hex(979339)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(979339)**

# Conversions

## Conversions Part 1

Format	Color
Hex	979339
RGB	151, 147, 57
RGB Percent	59%, 58%, 22%
CMY	0.4078, 0.4235, 0.7765
CMYK	0.00, 0.03, 0.62, 0.41
HSL	57°, 45%, 41%
HSV	57°, 62%, 59%
XYZ	23.9347, 27.7422, 7.9642
YIQ	137.9360, 31.2740, -27.1420

# Conversions

## Conversions Part 2

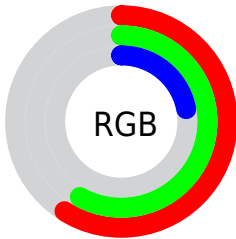
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 151, 57
Decimal	9933625
CIELab	59.66, -10.36, 46.80
CIELCh	60, 47.930, 102.479
Yxy	27.7422, 0.4013, 0.4652
Android (android.graphics.Color)	4288123705 (0xFF979339)
YUV	137.9360, -39.9014, 11.4571
Hunter-Lab	52.6708, -11.0598, 27.9045

# Details

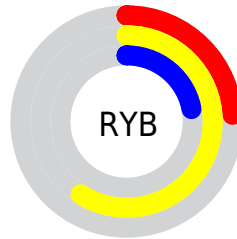
The Hex color **979339** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **393D97**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **CFC96C**, and **616100** is the 20% darker color. If you saturate the color by 10%, you get **97922A**, and if you desaturate by 10%, it is **979448**.

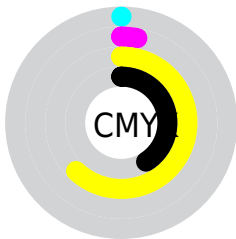
# Distribution



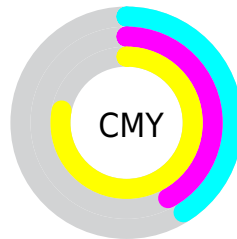
- Red (59%)
- Green (58%)
- Blue (22%)



- Red (24%)
- Yellow (59%)
- Blue (22%)



- Cyan (0%)
- Magenta (3%)
- Yellow (62%)
- Black (41%)



- Cyan (41%)
- Magenta (42%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 979339 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 979339 by changing the saturation by 10% instead.





979339



979339

FFFFFF



7C791F



CFC96C



616100



ECE586



484900



FFFFA1



2F3300



FFFFBD



161E00



FFFFD9



000000



FFFFF6



979339



979339



97922A



979448

■ 97921B

■ 979457

■ 97910C

■ 979566

■ 979100

■ 979675

■ 979684

■ 979794

■ 9797A3

■ 9798B2

■ 9799C1

# Harmonies

## Analogous

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



BC853E



979339



689D4F

# Triad

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



979339



00A2C8



D06FAA

# Complementary

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



979339



393D97

# 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.



A97DCE



979339



009BE0

# Square

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



979339



00A5A1



668EE2



DE6B80

# Rectangle

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



979339



3FA267



668EE2



C673B7



# Sweetspot

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



979339



C4C39F



97393E



63624D



E3E3E3



636363



# Same Dimension

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



979339



C4BE31



6D9739



4D4C45



8C8600



0D0C00



# Inverse Universe

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



393D97



3137C4



633997



45454D



00068C



00010D



# Previews

## White Background



This preview shows how the Hex color 979339 looks on a white background.

## Color Contrast Check

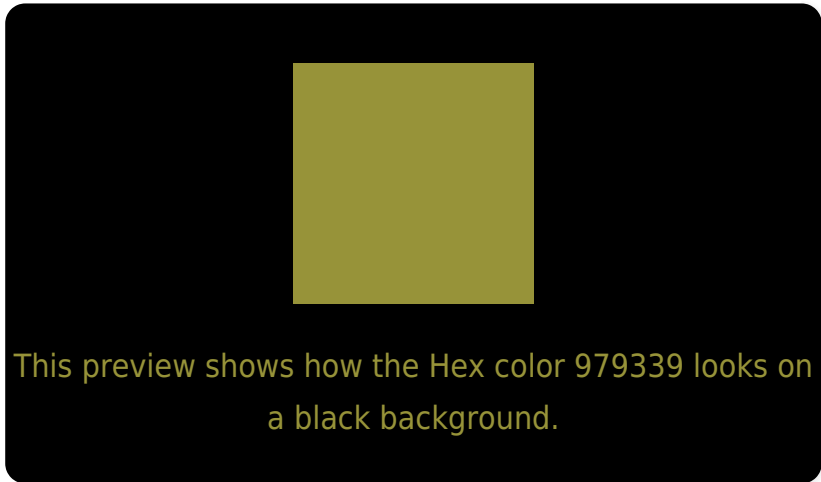
Large Text (above 18pt) WCAG AA ✓ Pass

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

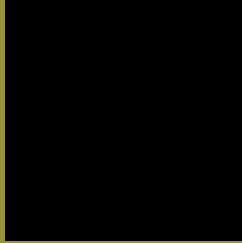
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 979339 Background



This preview shows how black text looks on a background with the Hex color 979339.



This preview shows how white text looks on a background with the Hex color 979339.

# 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**  
979339

**Protanopia**  
A09038

**Deuteranopia**  
B2893C



**Tritanopia**  
9F8A95

# Trichromacy



**Original Color**  
979339

**Protanomaly**  
9D9138

**Deuteranomaly**  
A88D3B

**Tritanomaly**  
9C8D74

# Monochromacy



**Original Color**  
979339

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
8F8D6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 979339 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 #979339 looks like.

```
.text, #text, p{  
    color:#979339  
}
```

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 #979339 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #979339
}
```

## Border

The CSS property to change the border of an element to Hex 979339 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
#979339 }
```

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

```
.border{ border-color:#979339 }
```

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

Here you see how a box with a 4 pixel #979339 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #979339; -webkit-box-shadow:4px 4px  
4px 4px #979339; box-shadow:4px 4px 4px  
4px #979339 }
```

# Background

The CSS property to change the background color of an element to Hex 979339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#979339 }
```

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

```
.background{ background-color:#979339 }
```

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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