

# Converting Colors

Hex(939090)

Have a look what the booklet for  
Hex(939090) contains.

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# **Color**

**Hex(939090)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	939090
RGB	147, 144, 144
RGB Percent	58%, 56%, 56%
CMY	0.4235, 0.4353, 0.4353
CMYK	0.00, 0.02, 0.02, 0.42
HSL	0°, 1%, 57%
HSV	0°, 2%, 58%
XYZ	27.0399, 28.1632, 30.3964
YIQ	144.8970, 1.7880, 0.6360

# Conversions

## Conversions Part 2

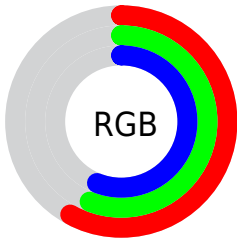
Format	Color
<a href="#">RYB</a>	<a href="#">147, 144, 144</a>
Decimal	<a href="#">9670800</a>
CIELab	<a href="#">60.04, 1.10, 0.38</a>
CIELCh	<a href="#">60, 1.170, 19.150</a>
Yxy	<a href="#">28.1632, 0.3159, 0.3290</a>
Android (android.graphics.Color)	<a href="#">4287860880 (0xFF939090)</a>
YUV	<a href="#">144.8970, -0.4422, 1.8443</a>
Hunter-Lab	<a href="#">53.0690, -1.9207, 3.1886</a>

# Details

The Hex color **939090** is a light color, and the websafe version is hex **999999**. A complement of this color would be **909393**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **C9C6C6**, and **605E5E** is the 20% darker color. If you saturate the color by 10%, you get **938181**, and if you desaturate by 10%, it is **939F9F**.

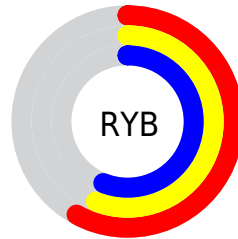
# Distribution



Red (58%)

Green (56%)

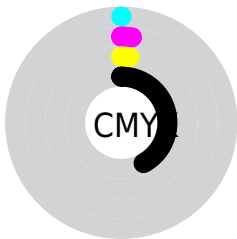
Blue (56%)



Red (58%)

Yellow (56%)

Blue (56%)

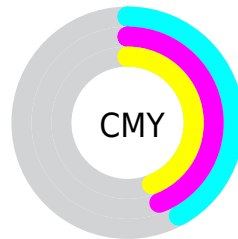


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (42%)



Cyan (42%)

Magenta (44%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 939090 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 939090 by changing the saturation by 10% instead.



 939090

 939090

FFFFFF

 797676

 C9C6C6

 605E5E

 E5E2E2

 494646

FFFEFE

 323030

 1D1B1B

 030000

 000000

 939090

 939090

 938181

 939F9F

■ 937373

■ 93ADAD

■ 936464

■ 93BCBC

■ 935555

■ 93CBCB

■ 934747

■ 93DADA

■ 933838

■ 93E8E8

■ 932929

■ 93F7F7

■ 931A1A

■ 93FFFF

■ 930C0C

# Harmonies

## Analogous

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



939091



939090



93908F

# Triad

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



939090



90918F



8F9193

# Complementary

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



939090



909393

# 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.



8E9192



939090



8F9190

# Square

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



939090



91918F



8E9191



909193

# Rectangle

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



939090



92908F



8E9191



8F9193



# Sweetspot

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



939090



BFBDBD



939093



616060



E0E0E0



616161



# Same Dimension

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



939090



BFBBBB



939290



4A4848



8A0000



0A0000



# Inverse Universe

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



909393



BBFBFB



909293



484A4A



008A8A



000A0A



# Previews

## White Background



This preview shows how the Hex color 939090 looks on a white background.

## Color Contrast Check

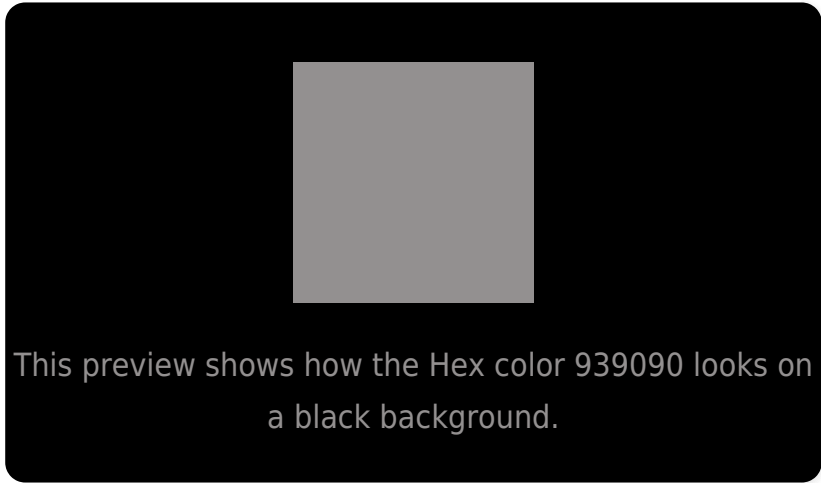
Large Text (above 18pt) WCAG AA ✓ Pass

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

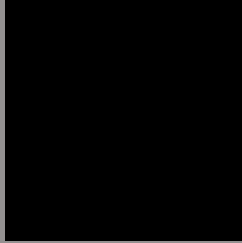
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

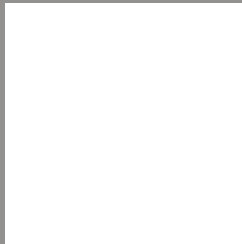
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 939090 Background



This preview shows how black text looks on a background with the Hex color 939090.



This preview shows how white text looks on a background with the Hex color 939090.

# 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**  
939090

**Protanopia**  
939090

**Deuteranopia**  
9E8C91



**Tritanopia**  
948E9A

# Trichromacy



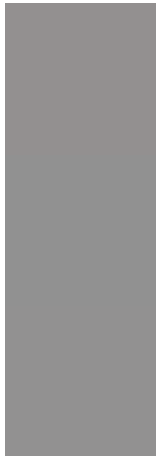
**Original Color**  
939090

**Protanomaly**  
939090

**Deuteranomaly**  
9A8D91

**Tritanomaly**  
948F96

# Monochromacy



**Original Color**  
939090

**Achromatopsia**  
919191

**Achromatomaly**  
929191

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 939090 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 #939090 looks like.

```
.text, #text, p{  
    color:#939090  
}
```

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 #939090 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #939090
}
```

## Border

The CSS property to change the border of an element to Hex 939090 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
#939090 }
```

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

```
.border{ border-color:#939090 }
```

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

Here you see how a box with a 4 pixel #939090 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #939090; -webkit-box-shadow:4px 4px  
4px 4px #939090; box-shadow:4px 4px 4px  
4px #939090 }
```

# Background

The CSS property to change the background color of an element to Hex 939090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#939090 }
```

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

```
.background{ background-color:#939090 }
```

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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