

# Converting Colors

Hex(909091)

Have a look what the booklet for  
Hex(909091) contains.

<b>Hex(909091)</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> .....	22
<b><i>Color Blindness Simulation</i></b> .....	25
<b><i>CSS Examples</i></b> .....	28

# **Color**

**Hex(909091)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	909091
RGB	144, 144, 145
RGB Percent	56%, 56%, 57%
CMY	0.4353, 0.4353, 0.4314
CMYK	0.01, 0.01, 0.00, 0.43
HSL	240°, 0%, 57%
HSV	240°, 1%, 57%
XYZ	26.5857, 27.9201, 30.7760
YIQ	144.1140, -0.3210, 0.3110

# Conversions

## Conversions Part 2

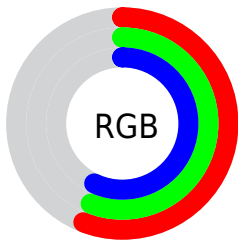
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 144, 145
Decimal	9474193
CIE Lab	59.82, 0.20, -0.54
CIE LCh	60, 0.572, 290.330
Yxy	27.9201, 0.3117, 0.3274
Android (android.graphics.Color)	4287664273 (0xFF909091)
YUV	144.1140, 0.4368, -0.1000
Hunter-Lab	52.8395, -2.6586, 2.4547

# Details

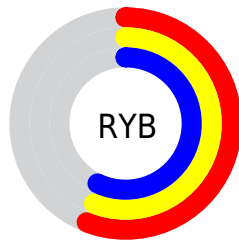
The Hex color **909091** is a light color, and the websafe version is hex **999999**. A complement of this color would be **919190**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **C6C6C7**, and **5E5E5F** is the 20% darker color. If you saturate the color by 10%, you get **828291**, and if you desaturate by 10%, it is **9F9F91**.

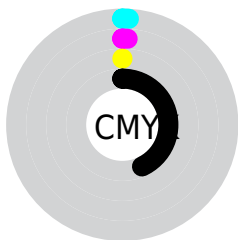
# Distribution



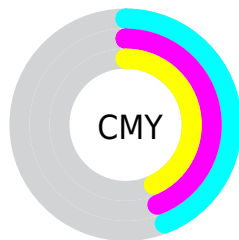
- Red (56%)
- Green (56%)
- Blue (57%)



- Red (56%)
- Yellow (56%)
- Blue (57%)



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (43%)



- Cyan (44%)
- Magenta (44%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 909091 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 909091 by changing the saturation by 10% instead.





909091



909091

FFFFFF



767677



C6C6C7



5E5E5F



E2E2E3



464647

FEFEFF



303031



1B1B1C



000001



000000



909091



909091



828291



9F9F91

737391

ADAD91

656591

BBBB91

565691

CACA91

484891

D9D991

393991

E7E791

2B2B91

F5F591

1C1C91

FFFF91

0D0D91

# Harmonies

## Analogous

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



8F9091



909091



919091

# Triad

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



909091



91908F



8F9090

# Complementary

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



909091



919190

# 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.



90908F



909091



91908F

# Square

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



909091



919090



90908F



8F9090

# Rectangle

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



909091



919090



90908F



8F9090



# Sweetspot

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



909091



BDBDBD



909191



5E5E5E



DEDEDE

# Same Dimension

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



909091



BBBBBD



919091



474747



000087



000008



# Inverse Universe

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



919091



BDBBBD



919190



474747



870087



080008



# Previews

## White Background



This preview shows how the Hex color 909091 looks on a white background.

## Color Contrast Check

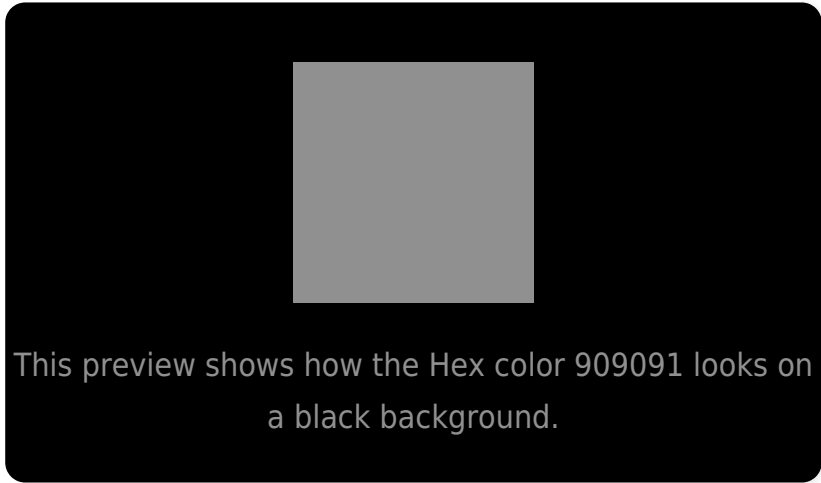
Large Text (above 18pt) WCAG AA ✓ Pass

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

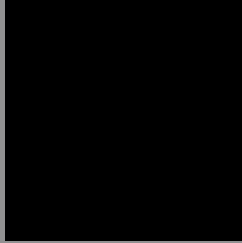
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

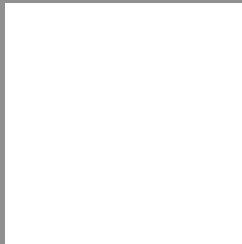
Any Text WCAG AAA × Fail

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

## Hex 909091 Background



This preview shows how black text looks on a background with the Hex color 909091.



This preview shows how white text looks on a background with the Hex color 909091.



# 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**  
909091

**Protanopia**  
928F91

**Deuteranopia**  
9D8C92



**Tritanopia**  
918F9A

# Trichromacy



**Original Color**  
909091

**Protanomaly**  
918F91

**Deuteranomaly**  
988D92

**Tritanomaly**  
918F97

# Monochromacy



**Original Color**  
909091

**Achromatopsia**  
909090

**Achromatomaly**  
909090

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 909091 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 #909091 looks like.

```
.text, #text, p{  
    color:#909091  
}
```

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 #909091 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #909091
}
```

## Border

The CSS property to change the border of an element to Hex 909091 is called "border". The border property can be set on classes, ids or directly on the HTML element.

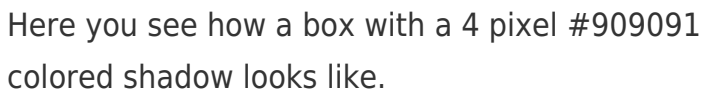
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#909091 }
```

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

```
.border{ border-color:#909091 }
```

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



Here you see how a box with a 4 pixel #909091 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #909091; -webkit-box-shadow:4px 4px  
4px 4px #909091; box-shadow:4px 4px 4px  
4px #909091 }
```

# Background

The CSS property to change the background color of an element to Hex 909091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#909091 }
```

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

```
.background{ background-color:#909091 }
```

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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