

# Converting Colors

Hex(9F9191)

Have a look what the booklet for  
Hex(9F9191) contains.

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# **Color**

**Hex(9F9191)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F9191
RGB	159, 145, 145
RGB Percent	62%, 57%, 57%
CMY	0.3765, 0.4314, 0.4314
CMYK	0.00, 0.09, 0.09, 0.38
HSL	0°, 7%, 60%
HSV	0°, 9%, 62%
XYZ	29.5343, 29.6661, 30.9576
YIQ	149.1860, 8.3440, 2.9680

# Conversions

## Conversions Part 2

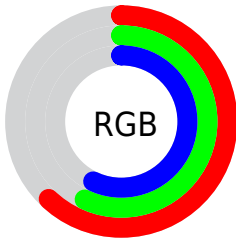
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	159, 145, 145
Decimal	10457489
CIE Lab	61.37, 5.19, 1.88
CIE LCh	61, 5.520, 19.866
Yxy	29.6661, 0.3276, 0.3290
Android (android.graphics.Color)	4288647569 (0xFF9F9191)
YUV	149.1860, -2.0637, 8.6069
Hunter-Lab	54.4666, 1.4745, 4.4275

# Details

The Hex color **9F9191** is a light color, and the websafe version is hex **999999**. A complement of this color would be **919F9F**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **D6C7C7**, and **6C5F5F** is the 20% darker color. If you saturate the color by 10%, you get **9F8181**, and if you desaturate by 10%, it is **9FA1A1**.

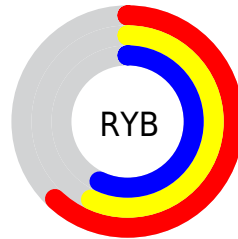
# Distribution



Red (62%)

Green (57%)

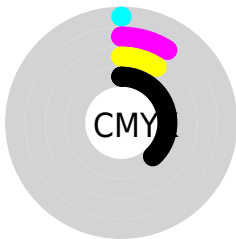
Blue (57%)



Red (62%)

Yellow (57%)

Blue (57%)

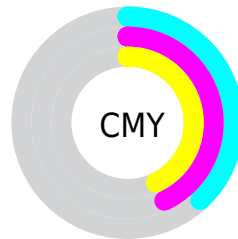


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (38%)



Cyan (38%)

Magenta (43%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F9191 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 9F9191 by changing the saturation by 10% instead.



 9F9191

 9F9191

FFFFFF

 857777

 D6C7C7

 6C5F5F

 F2E3E3

 534747

 3C3131

 261C1C

 120101

 000000

 9F9191

 9F9191

 9F8181

 9FA1A1

 9F7171

 9FB1B1

 9F6161

 9FC1C1

 9F5151

 9FD1D1

 9F4242

 9FE1E1

 9F3232

 9FF0F0

 9F2222

 9FFFFF

 9F1212

 9F0202

# Harmonies

## Analogous

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



9D9196



9F9191



9E928D

# Triad

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



9F9191



8F968E



8D959E

# Complementary

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



9F9191



919F9F

# 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.



89969B



9F9191



8B9792

# Square

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



9F9191



95958B



889797



93939D

# Rectangle

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



9F9191



9C938B



889797



8C969D



# Sweetspot

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



9F9191



CFC8C8



9F919F



696464



E8E8E8



696969



# Same Dimension

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



9F9191



CFB8B8



9F9891



4F4747



8F0000



0F0000



# Inverse Universe

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



919F9F



B8CFCF



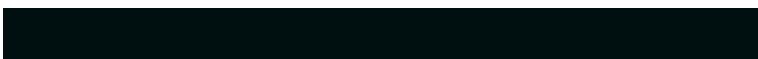
91989F



474F4F



008F8F



000F0F



# Previews

## White Background



This preview shows how the Hex color 9F9191 looks on a white background.

## Color Contrast Check

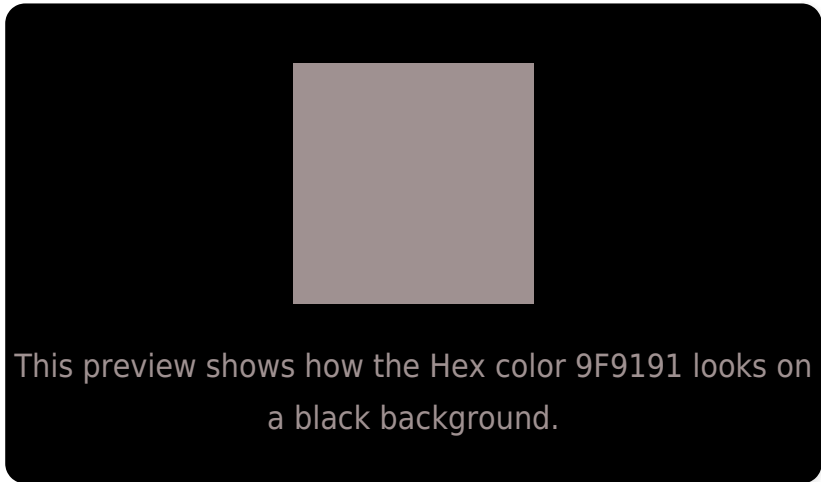
Large Text (above 18pt) WCAG AA ✓ Pass

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

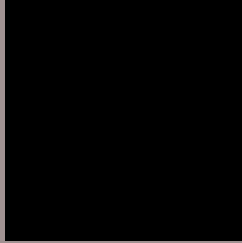
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9F9191 Background



This preview shows how black text looks on a background with the Hex color 9F9191.



This preview shows how white text looks on a background with the Hex color 9F9191.

# 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**  
9F9191

**Protanopia**  
979492

**Deuteranopia**  
A48F91



**Tritanopia**  
A08F9B

# Trichromacy



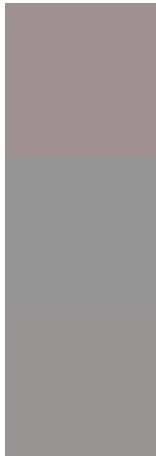
**Original Color**  
9F9191

**Protanomaly**  
9A9392

**Deuteranomaly**  
A29091

**Tritanomaly**  
A09097

# Monochromacy



**Original Color**  
9F9191

**Achromatopsia**  
959595

**Achromatomaly**  
999494

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F9191 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 #9F9191 looks like.

```
.text, #text, p{  
    color:#9F9191  
}
```

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 #9F9191 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F9191
}
```

## Border

The CSS property to change the border of an element to Hex 9F9191 is called "border". The border property can be set on classes, ids or directly on the HTML element.

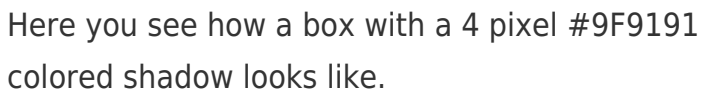
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F9191 }
```

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

```
.border{ border-color:#9F9191 }
```

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



Here you see how a box with a 4 pixel #9F9191 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F9191; -webkit-box-shadow:4px 4px  
4px 4px #9F9191; box-shadow:4px 4px 4px  
4px #9F9191 }
```

# Background

The CSS property to change the background color of an element to Hex 9F9191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F9191 }
```

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

```
.background{ background-color:#9F9191 }
```

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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