

# Converting Colors

Hex(9A9919)

Have a look what the booklet for  
Hex(9A9919) contains.

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**Color**

**Hex(9A9919)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9A9919
RGB	154, 153, 25
RGB Percent	60%, 60%, 10%
CMY	0.3961, 0.4000, 0.9020
CMYK	0.00, 0.01, 0.84, 0.40
HSL	60°, 72%, 35%
HSV	60°, 84%, 60%
XYZ	24.8931, 29.7227, 5.3447
YIQ	138.7070, 41.6840, -39.5960

# Conversions

## Conversions Part 2

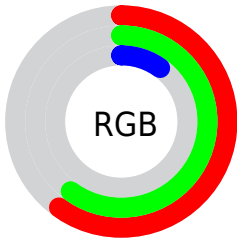
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	26, 154, 25
Decimal	10131737
CIE <sub>Lab</sub>	61.41, -13.78, 60.24
CIE <sub>LCh</sub>	61, 61.799, 102.884
Yxy	29.7227, 0.4152, 0.4957
Android (android.graphics.Color)	4288321817 (0xFF9A9919)
YUV	138.7070, -56.0576, 13.4120
Hunter-Lab	54.5185, -13.9044, 32.3504

# Details

The Hex color **9A9919** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **191A9A**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **D4CF53**, and **636600** is the 20% darker color. If you saturate the color by 10%, you get **9A990A**, and if you desaturate by 10%, it is **9A9928**.

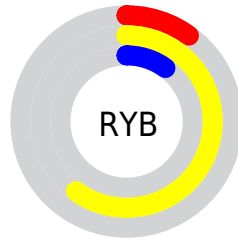
# Distribution



Red (60%)

Green (60%)

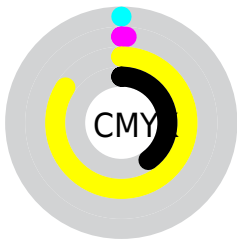
Blue (10%)



Red (10%)

Yellow (60%)

Blue (10%)

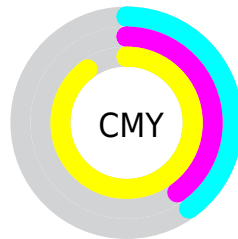


Cyan (0%)

Magenta (1%)

Yellow (84%)

Black (40%)



Cyan (40%)

Magenta (40%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A9919 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 9A9919 by changing the saturation by 10% instead.



 9A9919

 9A9919

FFFFFF

 7E7F00

 D4CF53

 636600

 F1EB6E

 484E00

 FFFF8A

 2E3800

 FFFFA5

 152200

 FFFFC1

 000A00

 FFFFDE

 000000

 FFFFFC

 9A9919

 9A9919

 9A990A

 9A9928

 9A9900

 9A9938

 9A9947

 9A9957

 9A9A66

 9A9A75

 9A9A85

 9A9A94

 9A9AA4

# Harmonies

## Analogous

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



CA8623



9A9919



5CA53E

# Triad

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



9A9919



00ACDE



E765B6

# Complementary

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



9A9919



191A9A

# 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.



B57BE5



9A9919



00A3FD

# Square

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



9A9919



00AEAB



5292FF



F7607F

# Rectangle

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



9A9919



00AB60



5292FF



DA6CC7



# Sweetspot

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



9A9919



C9C997



9A191B



666647



E6E6E6



666666



# Same Dimension

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



9A9919



C9C800



5C9A19



4D4C45



8C8B00



0D0D00



# Inverse Universe

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



191A9A



0002C9



57199A



45454D



00018C



00000D



# Previews

## White Background



This preview shows how the Hex color 9A9919 looks on a white background.

## Color Contrast Check

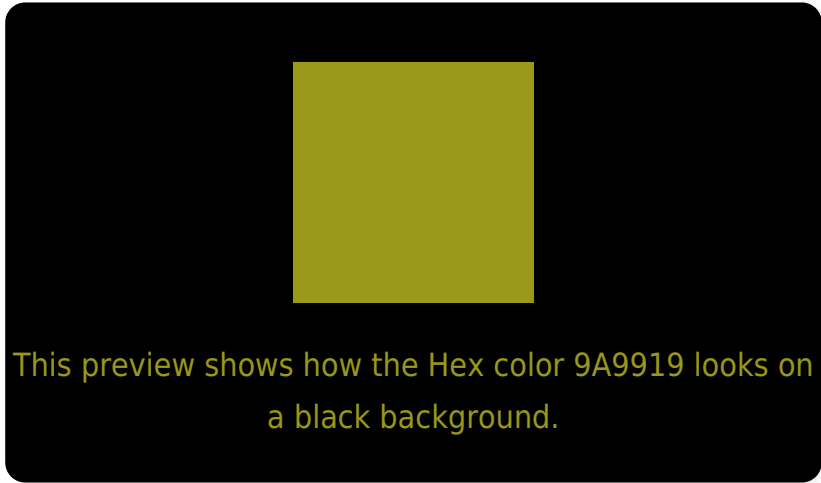
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A9919 Background



This preview shows how black text looks on a background with the Hex color 9A9919.



This preview shows how white text looks on a background with the Hex color 9A9919.

# 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**

9A9919

**Protanopia**

A79518

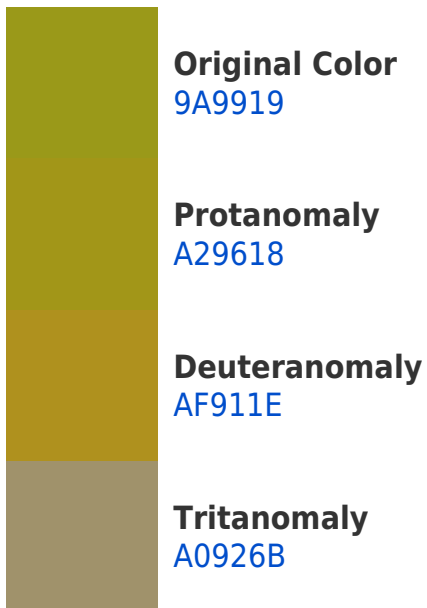
**Deuteranopia**

BB8D21

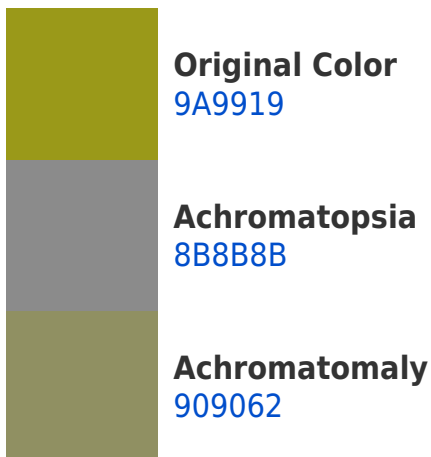


**Tritanopia**  
A48E9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A9919 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 #9A9919 looks like.

```
.text, #text, p{  
    color:#9A9919  
}
```

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 #9A9919 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A9919
}
```

## Border

The CSS property to change the border of an element to Hex 9A9919 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
#9A9919 }
```

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

```
.border{ border-color:#9A9919 }
```

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

Here you see how a box with a 4 pixel #9A9919 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A9919; -webkit-box-shadow:4px 4px  
4px 4px #9A9919; box-shadow:4px 4px 4px  
4px #9A9919 }
```

# Background

The CSS property to change the background color of an element to Hex 9A9919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A9919 }
```

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

```
.background{ background-color:#9A9919 }
```

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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