

# Converting Colors

Hex(9F8F00)

Have a look what the booklet for  
Hex(9F8F00) contains.

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**Color**

**Hex(9F8F00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9F8F00
RGB	159, 143, 0
RGB Percent	62%, 56%, 0%
CMY	0.3765, 0.4392, 1.0000
CMYK	0.00, 0.10, 1.00, 0.38
HSL	54°, 100%, 31%
HSV	54°, 100%, 62%
XYZ	24.1205, 27.0158, 3.9433
YIQ	131.4820, 55.4390, -41.0810

# Conversions

## Conversions Part 2

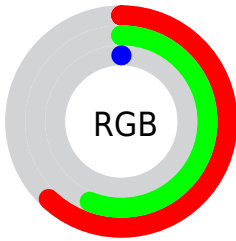
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 159, 0
Decimal	10456832
CIE Lab	58.99, -6.67, 63.12
CIE LCh	59, 63.473, 96.033
Yxy	27.0158, 0.4379, 0.4905
Android (android.graphics.Color)	4288646912 (0xFF9F8F00)
YUV	131.4820, -64.8206, 24.1333
Hunter-Lab	51.9768, -8.1240, 31.8856

# Details

The Hex color **9F8F00** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **00109F**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **D9C447**, and **675D00** is the 20% darker color. If you saturate the color by 10%, you get **9F8F00**, and if you desaturate by 10%, it is **9F9110**.

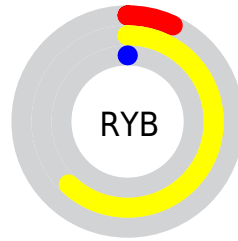
# Distribution



Red (62%)

Green (56%)

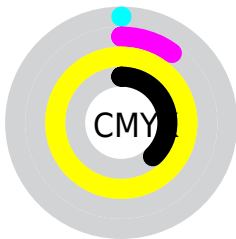
Blue (0%)



Red (7%)

Yellow (62%)

Blue (0%)

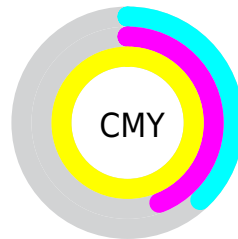


Cyan (0%)

Magenta (10%)

Yellow (100%)

Black (38%)



Cyan (38%)

Magenta (44%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F8F00 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 9F8F00 by changing the saturation by 10% instead.



 9F8F00

 9F8F00

FFFFFF

 837600

 D9C447

 675D00

 F7E062

 4C4600

 FFFD7D

 323000

 FFFF99

 191B00

 FFFFB5

 000000

 FFFFD1

 FFFFEE

 9F8F00

 9F9110

 9F9220

 9F9430

 9F9540

 9F9750

 9F995F

 9F9A6F

 9F9C7F

 9F9D8F

# Harmonies

## Analogous

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



CD7A21



9F8F00



649D2A

# Triad

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



9F8F00



00A7CE



D961BC

# Complementary

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



9F8F00



00109F

# 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.



9E7AE9



9F8F00



00A0F4

# Square

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



9F8F00



00A898



0091FD



F15685

# Rectangle

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



9F8F00



23A34C



0091FD



CA69CD



# Sweetspot

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



9F8F00



CFC891



9F0013



696543



E8E8E8



696969



# Same Dimension

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



9F8F00



CFBA00



629F00



4F4E47



8F8000



0F0E00



# Inverse Universe

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



00109F



0015CF



3D009F



47484F



000E8F

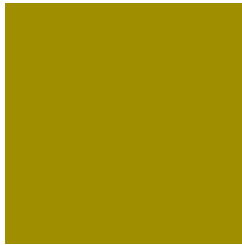


00020F



# Previews

## White Background



This preview shows how the Hex color 9F8F00 looks on a white background.

## Color Contrast Check

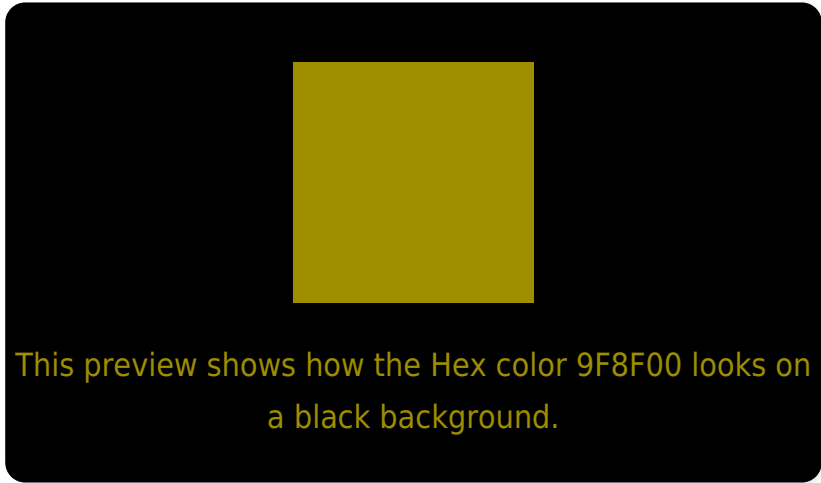
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F8F00 Background



This preview shows how black text looks on a background with the Hex color 9F8F00.



This preview shows how white text looks on a background with the Hex color 9F8F00.

# 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**  
9F8F00

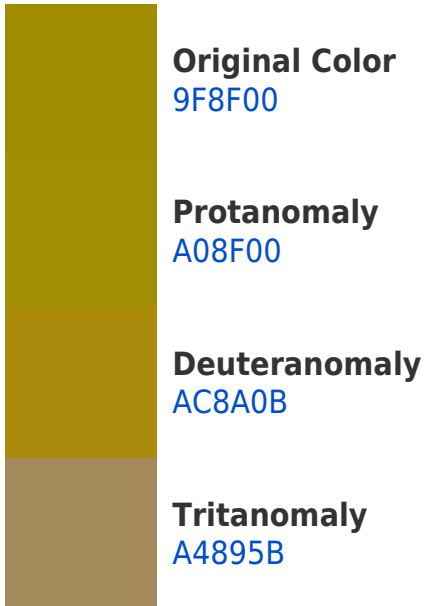
**Protanopia**  
A08F00

**Deuteranopia**  
B48712



**Tritanopia**  
A7858F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F8F00 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 #9F8F00 looks like.

```
.text, #text, p{  
    color:#9F8F00  
}
```

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 #9F8F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F8F00
}
```

## Border

The CSS property to change the border of an element to Hex 9F8F00 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
#9F8F00 }
```

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

```
.border{ border-color:#9F8F00 }
```

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

Here you see how a box with a 4 pixel #9F8F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F8F00; -webkit-box-shadow:4px 4px  
4px 4px #9F8F00; box-shadow:4px 4px 4px  
4px #9F8F00 }
```

# Background

The CSS property to change the background color of an element to Hex 9F8F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F8F00 }
```

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

```
.background{ background-color:#9F8F00 }
```

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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