

Converting Colors

Hex(9F8A00)

Have a look what the booklet for
Hex(9F8A00) contains.

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Color

Hex(9F8A00)

Conversions

Conversions Part 1

Format	Color
Hex	9F8A00
RGB	159, 138, 0
RGB Percent	62%, 54%, 0%
CMY	0.3765, 0.4588, 1.0000
CMYK	0.00, 0.13, 1.00, 0.38
HSL	52°, 100%, 31%
HSV	52°, 100%, 62%
XYZ	23.3866, 25.5479, 3.6986
YIQ	128.5470, 56.8140, -38.4660

Conversions

Conversions Part 2

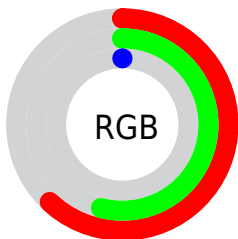
Format	Color
R _Y B	24, 159, 0
Decimal	10455552
CIE Lab	57.61, -3.95, 62.13
CIE LCh	58, 62.259, 93.638
Yxy	25.5479, 0.4443, 0.4854
Android (android.graphics.Color)	4288645632 (0xFF9F8A00)
YUV	128.5470, -63.3737, 26.7073
Hunter-Lab	50.5449, -5.8637, 31.0429

Details

The Hex color **9F8A00** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **00159F**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **D9BF46**, and **675900** is the 20% darker color. If you saturate the color by 10%, you get **9F8A00**, and if you desaturate by 10%, it is **9F8C10**.

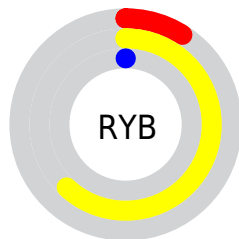
Distribution



Red (62%)

Green (54%)

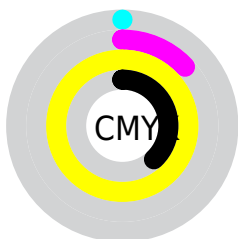
Blue (0%)



Red (9%)

Yellow (62%)

Blue (0%)

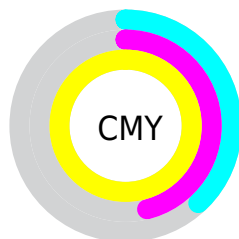


Cyan (0%)

Magenta (13%)

Yellow (100%)

Black (38%)



Cyan (38%)

Magenta (46%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F8A00 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 9F8A00 by changing the saturation by 10% instead.

 9F8A00

 9F8A00

FFFFFF

 837100

 D9BF46

 675900

 F7DB61

 4C4200

 FFF77C

 322C00

 FFFF97

 191800

 FFFFB3

 000000

 FFFF00

 FFFFED

 9F8A00

 9F8C10

 9F8E20

 9F9030

 9F9240

 9F9550

 9F975F

 9F996F

 9F9B7F

 9F9D8F

Harmonies

Analogous

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



CB7523



9F8A00



679825

Triad

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



9F8A00



00A3C5



D160BC

Complementary

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



9F8A00



00159F

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.



9379E6



9F8A00



009CEC

Square

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



9F8A00



00A490



008FF7



EB5386

Rectangle

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



9F8A00



2E9E46



008FF7



C168CC

Sweetspot

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



9F8A00



CFC691



9F0015



696443



E8E8E8



696969

Same Dimension

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



9F8A00



CFB300



659F00



4F4E47



8F7C00



0F0D00

Inverse Universe

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



00159F



001BCF



3A009F



47484F



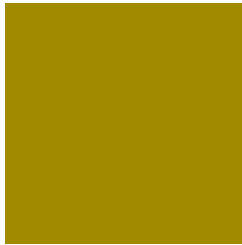
00138F



00020F

Previews

White Background



This preview shows how the Hex color 9F8A00 looks on a white background.

Color Contrast Check

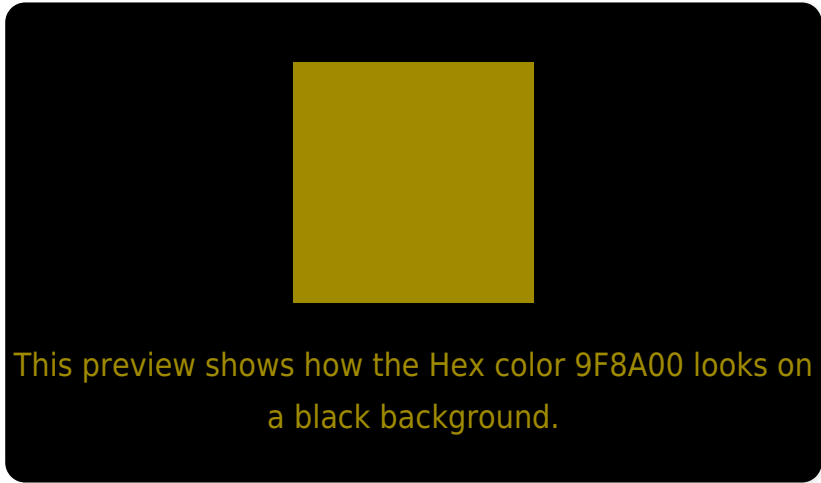
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F8A00 Background



This preview shows how black text looks on a background with the Hex color 9F8A00.

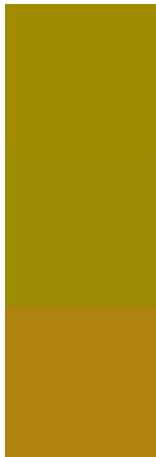


This preview shows how white text looks on a background with the Hex color 9F8A00.

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
9F8A00

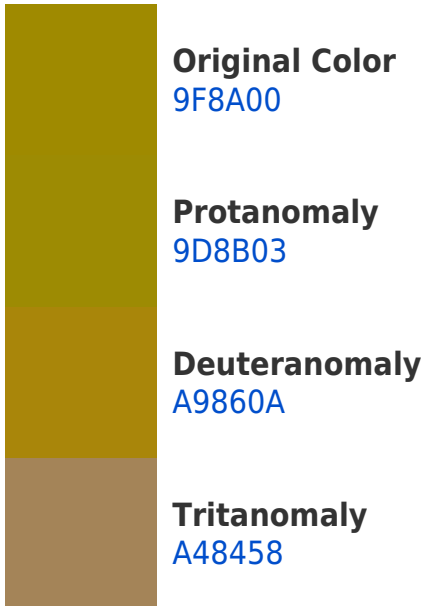
Protanopia
9C8B04

Deuteranopia
AF8310



Tritanopia
A7808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9F8A00 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 #9F8A00 looks like.

```
.text, #text, p{  
    color:#9F8A00  
}
```

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 #9F8A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F8A00
}
```

Border

The CSS property to change the border of an element to Hex 9F8A00 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
#9F8A00 }
```

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

```
.border{ border-color:#9F8A00 }
```

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

Here you see how a box with a 4 pixel #9F8A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F8A00; -webkit-box-shadow:4px 4px  
4px 4px #9F8A00; box-shadow:4px 4px 4px  
4px #9F8A00 }
```

Background

The CSS property to change the background color of an element to Hex 9F8A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F8A00 }
```

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

```
.background{ background-color:#9F8A00 }
```

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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