

Converting Colors

Hex(9F8400)

Have a look what the booklet for
Hex(9F8400) contains.

Hex(9F8400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9F8400)

Conversions

Conversions Part 1

Format	Color
Hex	9F8400
RGB	159, 132, 0
RGB Percent	62%, 52%, 0%
CMY	0.3765, 0.4824, 1.0000
CMYK	0.00, 0.17, 1.00, 0.38
HSL	50°, 100%, 31%
HSV	50°, 100%, 62%
XYZ	22.5493, 23.8735, 3.4196
YIQ	125.0250, 58.4640, -35.3280

Conversions

Conversions Part 2

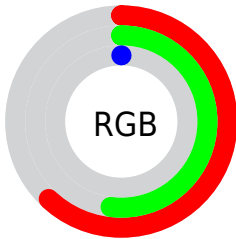
Format	Color
R _Y B	33, 159, 0
Decimal	10454016
CIE Lab	55.96, -0.65, 60.97
CIE LCh	56, 60.973, 90.608
Yxy	23.8735, 0.4524, 0.4790
Android (android.graphics.Color)	4288644096 (0xFF9F8400)
YUV	125.0250, -61.6373, 29.7961
Hunter-Lab	48.8605, -3.1272, 30.0528

Details

The Hex color **9F8400** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **001B9F**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **DAB944**, and **675300** is the 20% darker color. If you saturate the color by 10%, you get **9F8400**, and if you desaturate by 10%, it is **9F8710**.

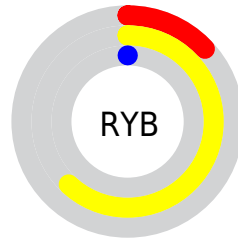
Distribution



Red (62%)

Green (52%)

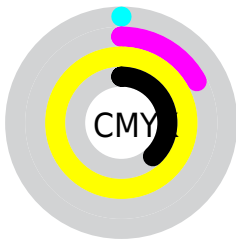
Blue (0%)



Red (13%)

Yellow (62%)

Blue (0%)

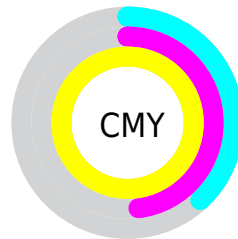


Cyan (0%)

Magenta (17%)

Yellow (100%)

Black (38%)



Cyan (38%)

Magenta (48%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F8400 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 9F8400 by changing the saturation by 10% instead.

 9F8400

 9F8400

FFFFFF

 836B00

 DAB944

 675300

 F8D45F

 4C3C00

 FFF07A

 322700

 FFFF96

 191300

 FFFFB1

 000000

 FFFFCE

 FFFFEB

 9F8400

 9F8710

 9F8920

 9F8C30

 9F8F40

 9F9250

 9F945F

 9F976F

 9F9A7F

 9F9C8F

Harmonies

Analogous

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



C86F26



9F8400



6A931E

Triad

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



9F8400



009EBB



C65FBB

Complementary

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



9F8400



001B9F

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.



8678E2



9F8400



0099E2

Square

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



9F8400



009F86



008CF1



E35187

Rectangle

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



9F8400



38993E



008CF1



B567CA

Sweetspot

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



9F8400



CFC491



9F001D



696243



E8E8E8



696969

Same Dimension

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



9F8400



CFAB00



6D9F00



4F4E47



8F7700



0F0D00

Inverse Universe

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



001B9F



0023CF



32009F



47484F



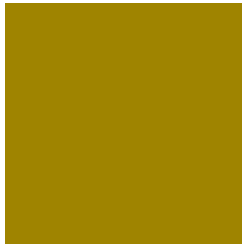
00188F



00030F

Previews

White Background



This preview shows how the Hex color 9F8400 looks on a white background.

Color Contrast Check

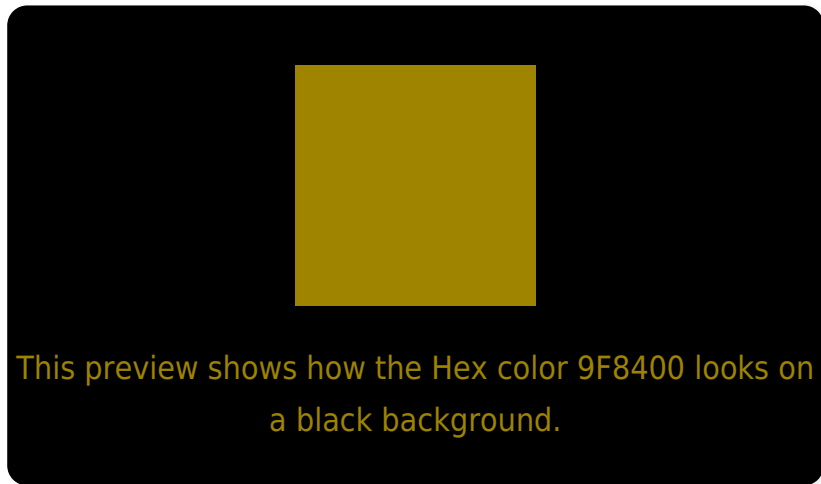
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F8400 Background



This preview shows how black text looks on a background with the Hex color 9F8400.

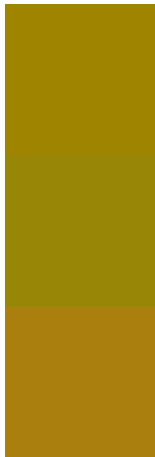


This preview shows how white text looks on a background with the Hex color 9F8400.

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
9F8400

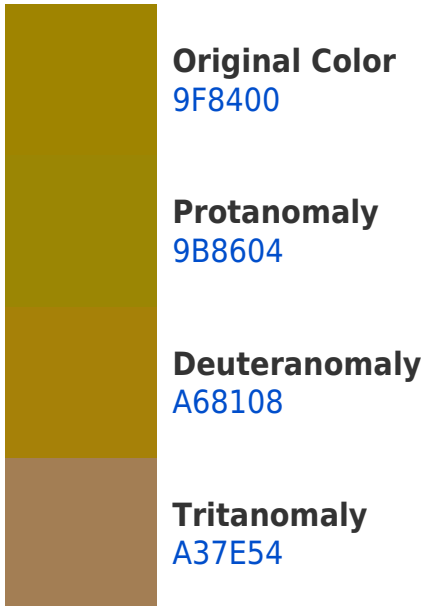
Protanopia
988706

Deuteranopia
AA7F0D

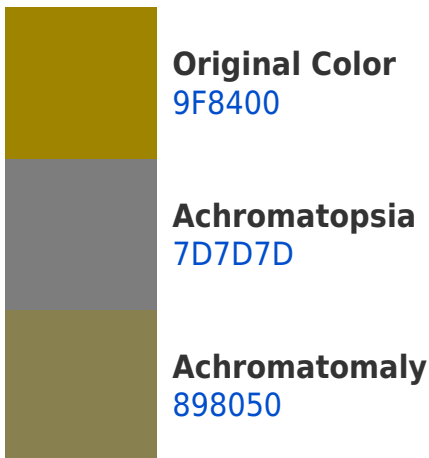


Tritanopia
A67B84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9F8400 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 #9F8400 looks like.

```
.text, #text, p{  
    color:#9F8400  
}
```

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 #9F8400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F8400
}
```

Border

The CSS property to change the border of an element to Hex 9F8400 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
#9F8400 }
```

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

```
.border{ border-color:#9F8400 }
```

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

Here you see how a box with a 4 pixel #9F8400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F8400; -webkit-box-shadow:4px 4px  
4px 4px #9F8400; box-shadow:4px 4px 4px  
4px #9F8400 }
```

Background

The CSS property to change the background color of an element to Hex 9F8400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F8400 }
```

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

```
.background{ background-color:#9F8400 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor