

Converting Colors

Hex(9F7D38)

Have a look what the booklet for
Hex(9F7D38) contains.

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Color

Hex(9F7D38)

Conversions

Conversions Part 1

Format	Color
Hex	9F7D38
RGB	159, 125, 56
RGB Percent	62%, 49%, 22%
CMY	0.3765, 0.5098, 0.7804
CMYK	0.00, 0.21, 0.65, 0.38
HSL	40°, 48%, 42%
HSV	40°, 65%, 62%
XYZ	22.3455, 22.3237, 6.8725
YIQ	127.3000, 42.4130, -14.2510

Conversions

Conversions Part 2

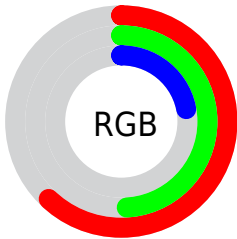
Format	Color
RYB	107, 159, 56
Decimal	10452280
CIELab	54.37, 5.28, 41.69
CIElCh	54, 42.027, 82.782
Yxy	22.3237, 0.4335, 0.4331
Android (android.graphics.Color)	4288642360 (0xFF9F7D38)
YUV	127.3000, -35.1509, 27.8009
Hunter-Lab	47.2479, 1.7361, 24.4494

Details

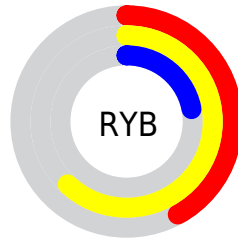
The Hex color **9F7D38** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **385A9F**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **D8B16A**, and **684C04** is the 20% darker color. If you saturate the color by 10%, you get **9F7828**, and if you desaturate by 10%, it is **9F8248**.

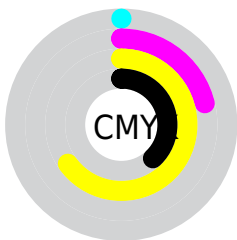
Distribution



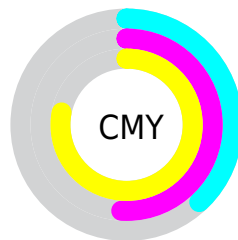
- Red (62%)
- Green (49%)
- Blue (22%)



- Red (42%)
- Yellow (62%)
- Blue (22%)



- Cyan (0%)
- Magenta (21%)
- Yellow (65%)
- Black (38%)



- Cyan (38%)
- Magenta (51%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F7D38 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 9F7D38 by changing the saturation by 10% instead.

 9F7D38

 9F7D38

FFFFFF

 836420

 D8B16A

 684C04

 F6CD84

 4E3600

 FFE99E

 342100

 FFFFBA

 1C0B00

 FFFFD6

 000000

 FFFFF2

 9F7D38

 9F7D38

 9F7828

 9F8248

 9F7318

 9F8758

 9F6D08

 9F8D68

 9F6B00

 9F9278

 9F9788

 9F9C97

 9FA2A7

 9FA7B7

 9FACC7

Harmonies

Analogous

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



B97049



9F7D38



7C883C

Triad

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



9F7D38



00949D



A66EAE

Complementary

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



9F7D38



385A9F

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.



767CC5



9F7D38



0091BB

Square

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



9F7D38



009478



2189CA



C1648C

Rectangle

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



9F7D38



608E4B



2189CA



9972B8

Sweetspot

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



9F7D38



CFC2A7



9F385A



696151



E8E8E8



696969

Same Dimension

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



9F7D38



CF992D



8E9F38



4F4C47



8F6000



0F0A00

Inverse Universe

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



385A9F



2D63CF



49389F



474A4F



002F8F



00050F

Previews

White Background



This preview shows how the Hex color 9F7D38 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 9F7D38 Background



This preview shows how black text looks on a background with the Hex color 9F7D38.



This preview shows how white text looks on a background with the Hex color 9F7D38.

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
9F7D38

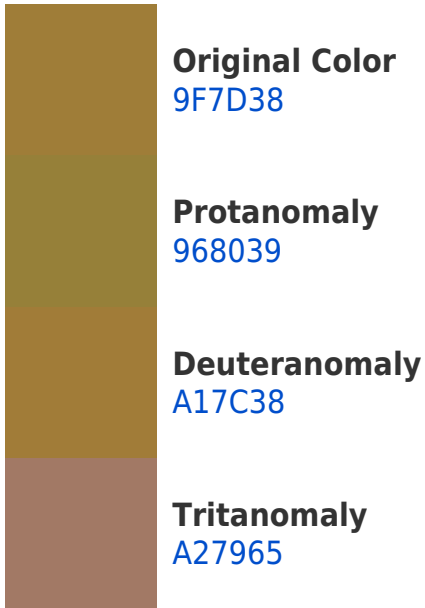
Protanopia
91823A

Deuteranopia
A27C38

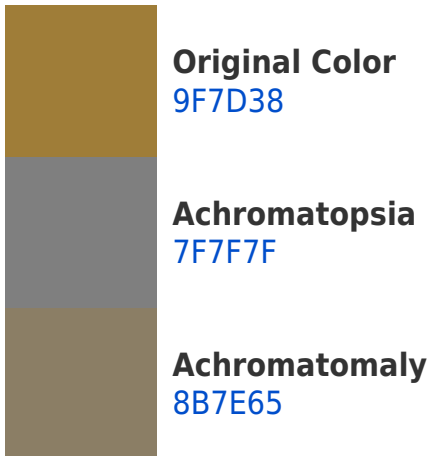


Tritanopia
A4767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9F7D38 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 #9F7D38 looks like.

```
.text, #text, p{  
    color:#9F7D38  
}
```

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 #9F7D38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F7D38
}
```

Border

The CSS property to change the border of an element to Hex 9F7D38 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
#9F7D38 }
```

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

```
.border{ border-color:#9F7D38 }
```

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

Here you see how a box with a 4 pixel #9F7D38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F7D38; -webkit-box-shadow:4px 4px  
4px 4px #9F7D38; box-shadow:4px 4px 4px  
4px #9F7D38 }
```

Background

The CSS property to change the background color of an element to Hex 9F7D38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F7D38 }
```

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

```
.background{ background-color:#9F7D38 }
```

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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