

# Converting Colors

Hex(9F7E1D)

Have a look what the booklet for  
Hex(9F7E1D) contains.

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**Color**

**Hex(9F7E1D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9F7E1D
RGB	159, 126, 29
RGB Percent	62%, 49%, 11%
CMY	0.3765, 0.5059, 0.8863
CMYK	0.00, 0.21, 0.82, 0.38
HSL	45°, 69%, 37%
HSV	45°, 82%, 62%
XYZ	21.9807, 22.3813, 4.3239
YIQ	124.8090, 50.8050, -23.1710

# Conversions

## Conversions Part 2

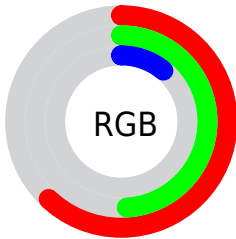
Format	Color
R <sub>Y</sub> B	73, 159, 29
Decimal	10452509
CIE Lab	54.43, 3.33, 53.20
CIE LCh	54, 53.300, 86.417
Yxy	22.3813, 0.4515, 0.4597
Android (android.graphics.Color)	4288642589 (0xFF9F7E1D)
YUV	124.8090, -47.2338, 29.9855
Hunter-Lab	47.3089, 0.1442, 27.6973

# Details

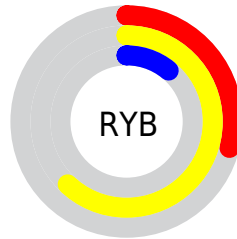
The Hex color **9F7E1D** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1D3E9F**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **D9B252**, and **674D00** is the 20% darker color. If you saturate the color by 10%, you get **9F7A0D**, and if you desaturate by 10%, it is **9F822D**.

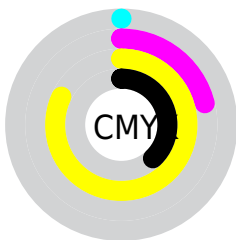
# Distribution



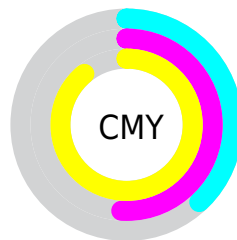
- Red (62%)
- Green (49%)
- Blue (11%)



- Red (29%)
- Yellow (62%)
- Blue (11%)



- Cyan (0%)
- Magenta (21%)
- Yellow (82%)
- Black (38%)



- Cyan (38%)
- Magenta (51%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F7E1D 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 9F7E1D by changing the saturation by 10% instead.



 9F7E1D

 9F7E1D

FFFFFF

 836500

 D9B252

 674D00

 F7CE6C

 4C3700

 FFEA87

 322200

 FFFFA2

 1A0D00

 FFFFBE

 000000

 FFFFDA

 FFFFF7

 9F7E1D

 9F7E1D

■ 9F7A0D

■ 9F822D

■ 9F7700

■ 9F863D

■ 9F8A4D

■ 9F8E5D

■ 9F926D

■ 9F967C

■ 9F9A8C

■ 9F9E9C

■ 9FA2AC

# Harmonies

## Analogous

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



C16C35



9F7E1D



728C28

# Triad

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



9F7E1D



0098AA



B565B6

# Complementary

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



9F7E1D



1D3E9F

# 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.



7978D5



9F7E1D



0093CE

# Square

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



9F7E1D



00987B



0089DE



D2578A

# Rectangle

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



9F7E1D



4C923F



0089DE



A56BC2



# Sweetspot

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



9F7E1D



CFC19B



9F1D40



696149



E8E8E8



696969



# Same Dimension

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



9F7E1D



CF9B04



819F1D



4F4D47



8F6B00



0F0B00



# Inverse Universe

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



1D3E9F



0438CF



3B1D9F



47494F



00248F

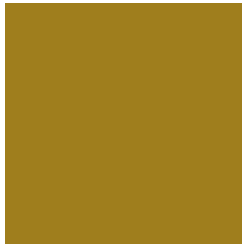


00040F



# Previews

## White Background



This preview shows how the Hex color 9F7E1D 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 9F7E1D Background



This preview shows how black text looks on a background with the Hex color 9F7E1D.



This preview shows how white text looks on a background with the Hex color 9F7E1D.

# 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**  
9F7E1D

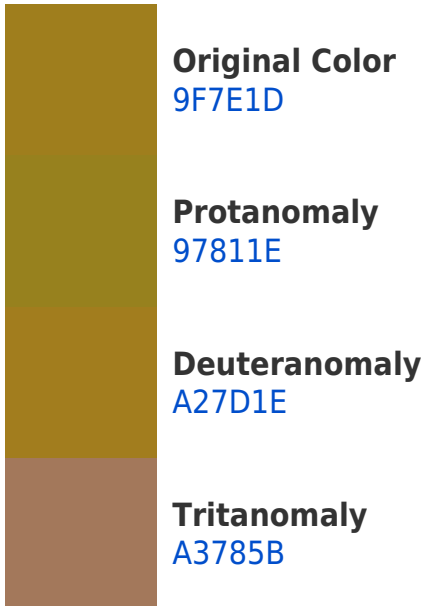
**Protanopia**  
93831E

**Deuteranopia**  
A47C1E



**Tritanopia**  
A5757E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F7E1D 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 #9F7E1D looks like.

```
.text, #text, p{  
    color:#9F7E1D  
}
```

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 #9F7E1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F7E1D }  
}
```

## Border

The CSS property to change the border of an element to Hex 9F7E1D 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 #9F7E1D }  
}
```

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

```
.border{ border-color:#9F7E1D }
```

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

Here you see how a box with a 4 pixel #9F7E1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F7E1D; -webkit-box-shadow:4px 4px  
4px 4px #9F7E1D; box-shadow:4px 4px 4px  
4px #9F7E1D }
```

# Background

The CSS property to change the background color of an element to Hex 9F7E1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F7E1D }
```

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

```
.background{ background-color:#9F7E1D }
```

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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