

# Converting Colors

Hex(9F7334)

Have a look what the booklet for  
Hex(9F7334) contains.

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**Color**

**Hex(9F7334)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 9F7334                      |
| RGB         | 159, 115, 52                |
| RGB Percent | 62%, 45%, 20%               |
| CMY         | 0.3765, 0.5490, 0.7961      |
| CMYK        | 0.00, 0.28, 0.67, 0.38      |
| HSL         | 35°, 51%, 41%               |
| HSV         | 35°, 67%, 62%               |
| XYZ         | 21.0486, 19.8803, 5.9767    |
| YIQ         | 120.9740, 46.4470, -10.2650 |

# Conversions

## Conversions Part 2

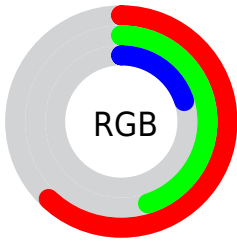
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 127, 159, 52                   |
| Decimal                             | 10449716                       |
| CIE <sub>Lab</sub>                  | 51.70, 10.69, 40.72            |
| CIE <sub>LCh</sub>                  | 52, 42.097, 75.294             |
| Yxy                                 | 19.8803, 0.4487,<br>0.4238     |
| Android<br>(android.graphics.Color) | 4288639796<br>(0xFF9F7334)     |
| YUV                                 | 120.9740, -34.0042,<br>33.3488 |
| Hunter-Lab                          | 44.5874, 6.2378,<br>23.2636    |

# Details

The Hex color **9F7334** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **34609F**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **D9A765**, and **684301** is the 20% darker color. If you saturate the color by 10%, you get **9F6C24**, and if you desaturate by 10%, it is **9F7A44**.

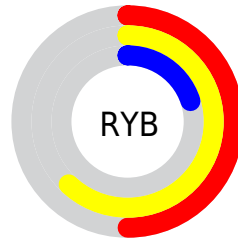
# Distribution



Red (62%)

Green (45%)

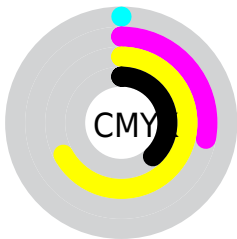
Blue (20%)



Red (50%)

Yellow (62%)

Blue (20%)

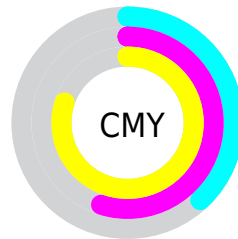


Cyan (0%)

Magenta (28%)

Yellow (67%)

Black (38%)



Cyan (38%)

Magenta (55%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F7334 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 9F7334 by changing the saturation by 10% instead.



 9F7334

 9F7334

FFFFFF

 835B1C

 D9A765

 684301

 F6C27F

 4E2D00

 FFDE99

 331800

 FFFAB5

 1C0000

 FFFF00

 000000

 FFFFED

 9F7334

 9F7334

 9F6C24

 9F7A44

 9F6614

 9F8054

 9F5F04

 9F8764

 9F5E00

 9F8D74

 9F9484

 9F9A93

 9FA1A3

 9FA7B3

 9FAEC3

# Harmonies

## Analogous

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



B6664A



9F7334



7E7F32

# Triad

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



9F7334



008D8D



956AAE

# Complementary

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



9F7334



34609F

# 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.



5F79C1



9F7334



008BAE

# Square

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



9F7334



0C8C68



0084C1



B55F8F

# Rectangle

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



9F7334



64853E



0084C1



866FB6



# Sweetspot

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



9F7334



CFBEA5



9F3461



695E4F



E8E8E8



696969



# Same Dimension

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



9F7334



CF8A27



969F34



4F4C47



8F5400



0F0900



# Inverse Universe

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



34609F



276CCF



3D349F



474A4F



003B8F

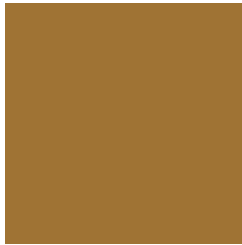


00060F



# Previews

## White Background



This preview shows how the Hex color 9F7334 looks on a white background.

## Color Contrast Check

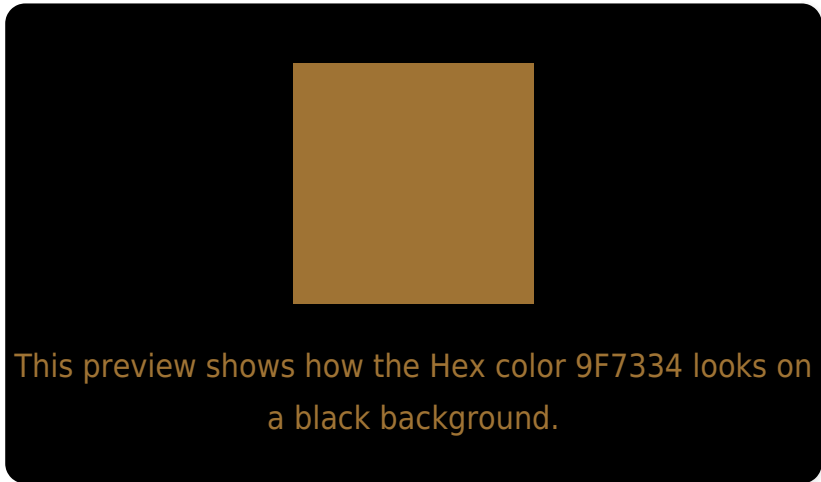
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F7334 Background



This preview shows how black text looks on a background with the Hex color 9F7334.



This preview shows how white text looks on a background with the Hex color 9F7334.

# 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**  
9F7334

**Protanopia**  
897C37

**Deuteranopia**  
997533



**Tritanopia**  
A46C74

# Trichromacy



**Original Color**  
9F7334

**Protanomaly**  
917936

**Deuteranomaly**  
9B7433

**Tritanomaly**  
A26F5D

# Monochromacy



**Original Color**  
9F7334

**Achromatopsia**  
797979

**Achromatomaly**  
877760

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F7334 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 #9F7334 looks like.

```
.text, #text, p{  
    color:#9F7334  
}
```

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 #9F7334 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F7334
}
```

## Border

The CSS property to change the border of an element to Hex 9F7334 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
#9F7334 }
```

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

```
.border{ border-color:#9F7334 }
```

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

Here you see how a box with a 4 pixel #9F7334 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F7334; -webkit-box-shadow:4px 4px  
4px 4px #9F7334; box-shadow:4px 4px 4px  
4px #9F7334 }
```

# Background

The CSS property to change the background color of an element to Hex 9F7334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F7334 }
```

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

```
.background{ background-color:#9F7334 }
```

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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