

Converting Colors

Hex(9F7309)

Have a look what the booklet for
Hex(9F7309) contains.

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Color

Hex(9F7309)

Conversions

Conversions Part 1

Format	Color
Hex	9F7309
RGB	159, 115, 9
RGB Percent	62%, 45%, 4%
CMY	0.3765, 0.5490, 0.9647
CMYK	0.00, 0.28, 0.94, 0.38
HSL	42°, 89%, 33%
HSV	42°, 94%, 62%
XYZ	20.4781, 19.6521, 2.9724
YIQ	116.0720, 60.2500, -23.6380

Conversions

Conversions Part 2

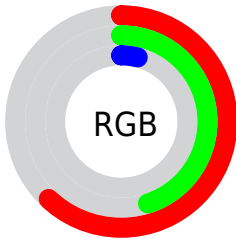
Format	Color
RYB	71, 159, 9
Decimal	10449673
CIELab	51.44, 9.05, 56.06
CIELCh	51, 56.784, 80.829
Yxy	19.6521, 0.4751, 0.4559
Android (android.graphics.Color)	4288639753 (0xFF9F7309)
YUV	116.0720, -52.7865, 37.6479
Hunter-Lab	44.3307, 4.8775, 27.0561

Details

The Hex color **9F7309** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **09359F**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **DAA745**, and **674300** is the 20% darker color. If you saturate the color by 10%, you get **9F7000**, and if you desaturate by 10%, it is **9F7819**.

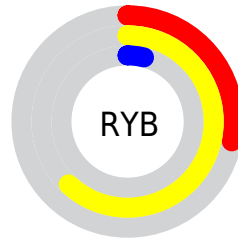
Distribution



Red (62%)

Green (45%)

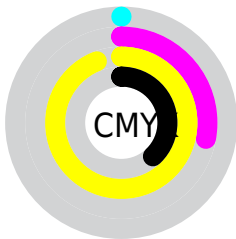
Blue (4%)



Red (28%)

Yellow (62%)

Blue (4%)

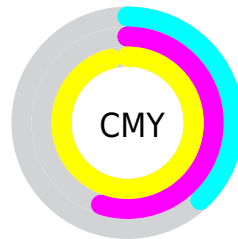


Cyan (0%)

Magenta (28%)

Yellow (94%)

Black (38%)



Cyan (38%)

Magenta (55%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F7309 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 9F7309 by changing the saturation by 10% instead.



9F7309



9F7309

FFFFFF



825B00



DAA745



674300



F8C25F



4B2D00



FFDE79



311900



FFFA94



190000



FFFFB0



000000



FFFACC



FFFFE9



9F7309



9F7309

■ 9F7000

■ 9F7819

■ 9F7C29

■ 9F8139

■ 9F8649

■ 9F8A59

■ 9F8F68

■ 9F9478

■ 9F9888

■ 9F9D98

Harmonies

Analogous

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



C15F2F



9F7309



72820F

Triad

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



9F7309



00919C



A65EB9

Complementary

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



9F7309



09359F

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.



5D74D6



9F7309



008EC5

Square

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



9F7309



00906A



0085DB



CA4C8C

Rectangle

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



9F7309



4C892A



0085DB



9366C5

Sweetspot

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



9F7309



CFBE95



9F0936



695E45



E8E8E8



696969

Same Dimension

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



9F7309



CF9200



819F09



4F4D47



8F6500



0F0B00

Inverse Universe

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



09359F



003DCF



27099F



47494F



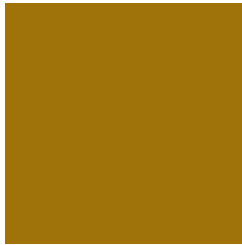
002A8F



00040F

Previews

White Background



This preview shows how the Hex color 9F7309 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 9F7309 Background



This preview shows how black text looks on a background with the Hex color 9F7309.



This preview shows how white text looks on a background with the Hex color 9F7309.

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
9F7309

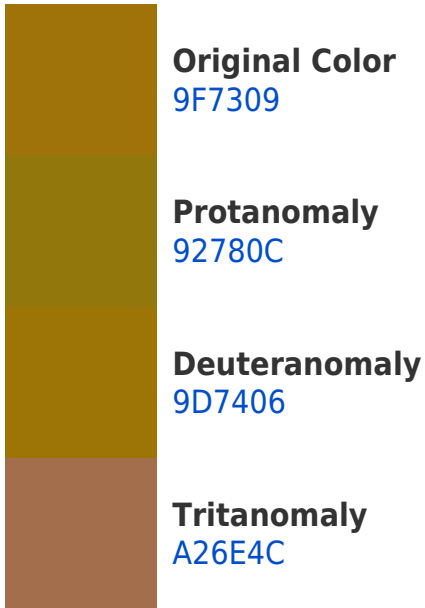
Protanopia
8B7B0D

Deuteranopia
9C7505

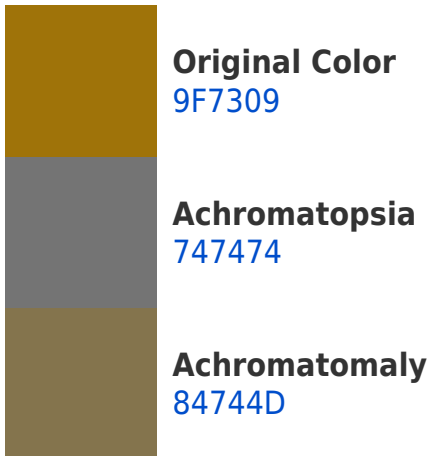


Tritanopia
A46B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9F7309 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 #9F7309 looks like.

```
.text, #text, p{  
    color:#9F7309  
}
```

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 #9F7309 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F7309
}
```

Border

The CSS property to change the border of an element to Hex 9F7309 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
#9F7309 }
```

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

```
.border{ border-color:#9F7309 }
```

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

Here you see how a box with a 4 pixel #9F7309 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F7309; -webkit-box-shadow:4px 4px  
4px 4px #9F7309; box-shadow:4px 4px 4px  
4px #9F7309 }
```

Background

The CSS property to change the background color of an element to Hex 9F7309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F7309 }
```

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

```
.background{ background-color:#9F7309 }
```

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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