

Converting Colors

Hex(9A7417)

Have a look what the booklet for
Hex(9A7417) contains.

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Color

Hex(9A7417)

Conversions

Conversions Part 1

Format	Color
Hex	9A7417
RGB	154, 116, 23
RGB Percent	60%, 45%, 9%
CMY	0.3961, 0.5451, 0.9098
CMYK	0.00, 0.25, 0.85, 0.40
HSL	43°, 74%, 35%
HSV	43°, 85%, 60%
XYZ	19.7265, 19.4227, 3.5199
YIQ	116.7600, 52.5010, -20.8670

Conversions

Conversions Part 2

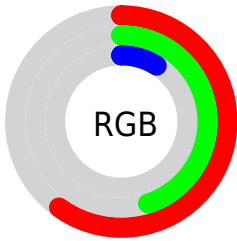
Format	Color
RYB	77, 154, 23
Decimal	10122263
CIELab	51.18, 6.47, 52.11
CIELCh	51, 52.513, 82.920
Yxy	19.4227, 0.4623, 0.4552
Android (android.graphics.Color)	4288312343 (0xFF9A7417)
YUV	116.7600, -46.2237, 32.6595
Hunter-Lab	44.0712, 2.7730, 26.1145

Details

The Hex color **9A7417** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **173D9A**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **D4A84D**, and **634400** is the 20% darker color. If you saturate the color by 10%, you get **9A7008**, and if you desaturate by 10%, it is **9A7826**.

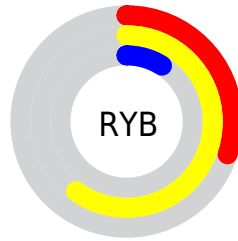
Distribution



Red (60%)

Green (45%)

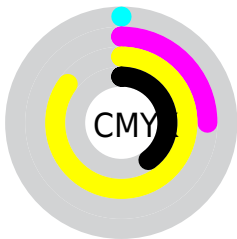
Blue (9%)



Red (30%)

Yellow (60%)

Blue (9%)

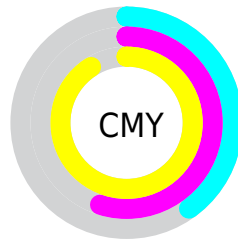


Cyan (0%)

Magenta (25%)

Yellow (85%)

Black (40%)



Cyan (40%)

Magenta (55%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A7417 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 9A7417 by changing the saturation by 10% instead.



9A7417



9A7417

FFFFFF



7E5C00



D4A84D



634400



F2C366



472E00



FFDF81



2E1A00



FFFB9C



140000



FFFFB7



000000



FFFFD4



FFFFFF0



9A7417



9A7417

■ 9A7008

■ 9A7826

■ 9A6D00

■ 9A7D36

■ 9A8145

■ 9A8655

■ 9A8A64

■ 9A8F73

■ 9A9383

■ 9A9892

■ 9A9CA2

Harmonies

Analogous

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



BA6233



9A7417



70821E

Triad

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



9A7417



008F9C



A65FB1

Complementary

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



9A7417



173D9A

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.



6772CD



9A7417



008BC1

Square

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



9A7417



008F6D



0082D3



C55087

Rectangle

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



9A7417



4C8834



0082D3



9565BC

Sweetspot

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



9A7417



C9BA95



9A173E



665D46



E6E6E6



666666

Same Dimension

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



9A7417



C98F00



809A17



4D4A45



8C6400



0D0900

Inverse Universe

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



173D9A



003AC9



31179A



45474D



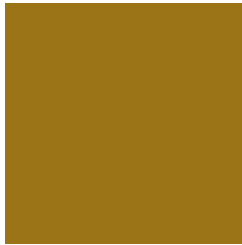
00298C



00040D

Previews

White Background



This preview shows how the Hex color 9A7417 looks on a white background.

Color Contrast Check

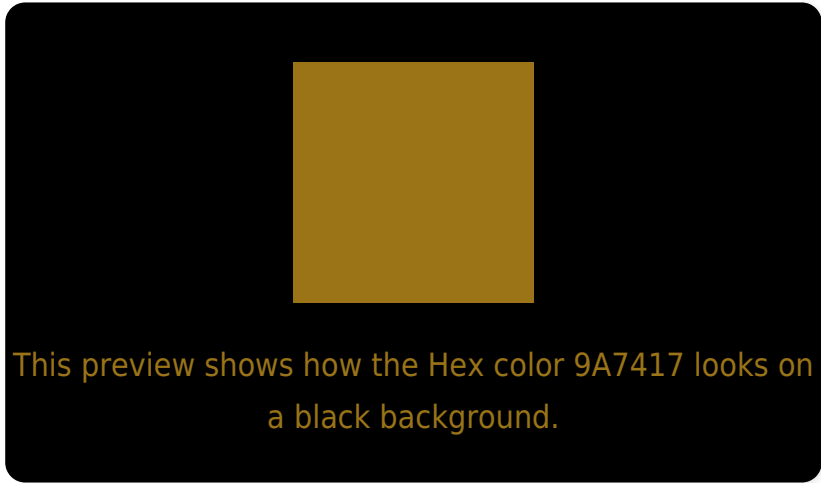
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A7417 Background



This preview shows how black text looks on a background with the Hex color 9A7417.



This preview shows how white text looks on a background with the Hex color 9A7417.

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
9A7417

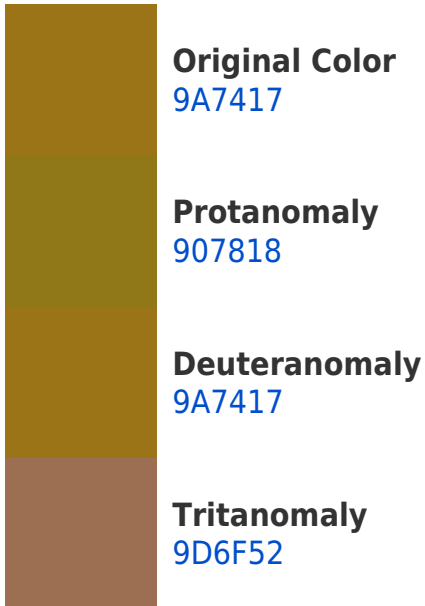
Protanopia
8A7B19

Deuteranopia
9A7417

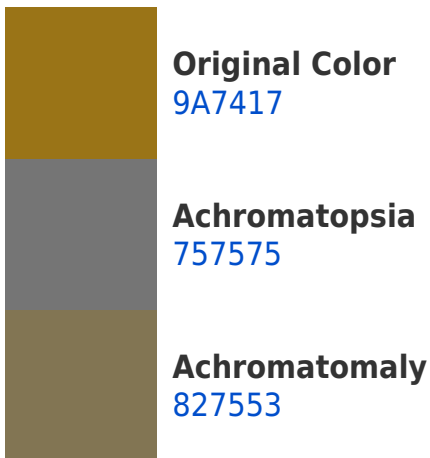


Tritanopia
9F6C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A7417 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 #9A7417 looks like.

```
.text, #text, p{  
    color:#9A7417  
}
```

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 #9A7417 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A7417
}
```

Border

The CSS property to change the border of an element to Hex 9A7417 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
#9A7417 }
```

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

```
.border{ border-color:#9A7417 }
```

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

Here you see how a box with a 4 pixel #9A7417 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A7417; -webkit-box-shadow:4px 4px  
4px 4px #9A7417; box-shadow:4px 4px 4px  
4px #9A7417 }
```

Background

The CSS property to change the background color of an element to Hex 9A7417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A7417 }
```

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

```
.background{ background-color:#9A7417 }
```

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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