

Converting Colors

Hex(9C7717)

Have a look what the booklet for
Hex(9C7717) contains.

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Color

Hex(9C7717)

Conversions

Conversions Part 1

Format	Color
Hex	9C7717
RGB	156, 119, 23
RGB Percent	61%, 47%, 9%
CMY	0.3882, 0.5333, 0.9098
CMYK	0.00, 0.24, 0.85, 0.39
HSL	43°, 74%, 35%
HSV	43°, 85%, 61%
XYZ	20.4618, 20.3234, 3.6550
YIQ	119.1190, 52.8680, -22.0120

Conversions

Conversions Part 2

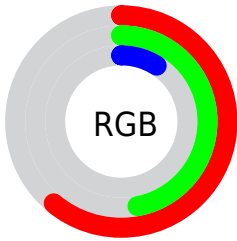
Format	Color
R_{YB}	74, 156, 23
Decimal	10254103
CIE _{Lab}	52.20, 5.70, 53.07
CIE _{LCh}	52, 53.376, 83.873
Yxy	20.3234, 0.4604, 0.4573
Android (android.graphics.Color)	4288444183 (0xFF9C7717)
YUV	119.1190, -47.3867, 32.3446
Hunter-Lab	45.0815, 2.1256, 26.7501

Details

The Hex color **9C7717** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **173C9C**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **D6AB4D**, and **644700** is the 20% darker color. If you saturate the color by 10%, you get **9C7307**, and if you desaturate by 10%, it is **9C7B27**.

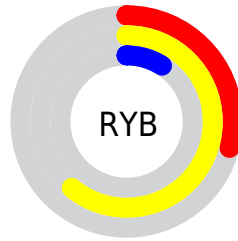
Distribution



Red (61%)

Green (47%)

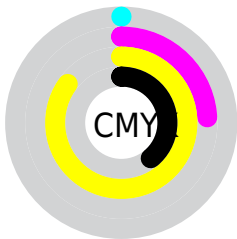
Blue (9%)



Red (29%)

Yellow (61%)

Blue (9%)

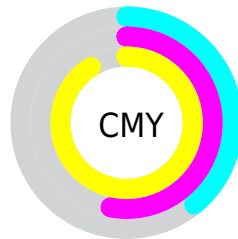


Cyan (0%)

Magenta (24%)

Yellow (85%)

Black (39%)



Cyan (39%)

Magenta (53%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C7717 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 9C7717 by changing the saturation by 10% instead.

 9C7717

 9C7717

FFFFFF

 805E00

 D6AB4D

 644700

 F4C667

 493100

 FFE281

 2F1C00

 FFFF9C

 160300

 FFFFB8

 000000

 FFFFD4

 FFFFF1

 9C7717

 9C7717

■ 9C7307

■ 9C7B27

■ 9C7100

■ 9C8036

■ 9C8446

■ 9C8855

■ 9C8D65

■ 9C9175

■ 9C9584

■ 9C9A94

■ 9C9EA3

Harmonies

Analogous

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



BD6533



9C7717



70851F

Triad

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



9C7717



0092A0



AB60B3

Complementary

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



9C7717



173C9C

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.



6C74D1



9C7717



008EC6

Square

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



9C7717



009271



0085D8



CA5288

Rectangle

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



9C7717



4C8B36



0085D8



9A67BF

Sweetspot

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



9C7717



CCBD97



9C173D



665D46



E6E6E6



666666

Same Dimension

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



9C7717



CC9300



7F9C17



4F4D47



8F6700



0F0B00

Inverse Universe

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



173C9C



0039CC



34179C



47494F



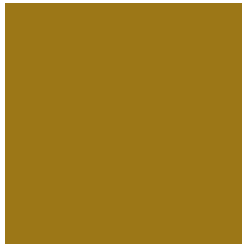
00288F



00040F

Previews

White Background



This preview shows how the Hex color 9C7717 looks on a white background.

Color Contrast Check

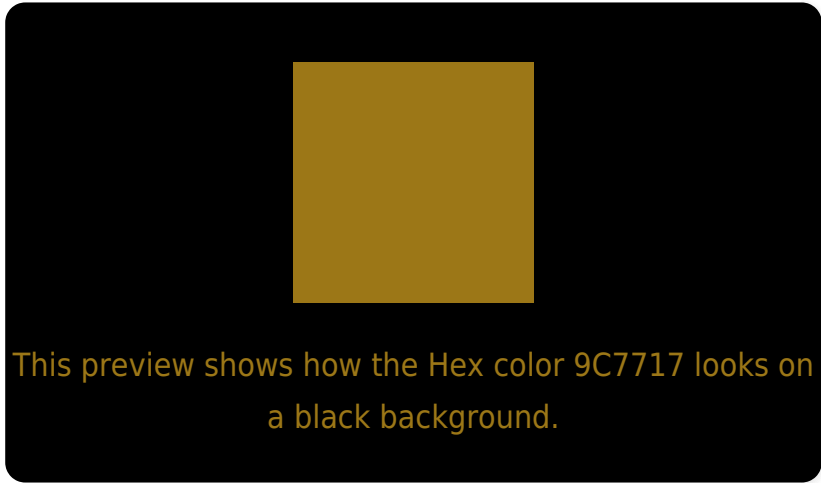
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C7717 Background



This preview shows how black text looks on a background with the Hex color 9C7717.



This preview shows how white text looks on a background with the Hex color 9C7717.

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
9C7717

Protanopia
8C7D19

Deuteranopia
9D7617



Tritanopia
A26F77

Trichromacy



Original Color
9C7717

Protanomaly
927B18

Deuteranomaly
9D7617

Tritanomaly
A07254

Monochromacy



Original Color
9C7717

Achromatopsia
777777

Achromatomaly
847754

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C7717 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 #9C7717 looks like.

```
.text, #text, p{  
    color:#9C7717  
}
```

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 #9C7717 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C7717
}
```

Border

The CSS property to change the border of an element to Hex 9C7717 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
#9C7717 }
```

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

```
.border{ border-color:#9C7717 }
```

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

Here you see how a box with a 4 pixel #9C7717 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C7717; -webkit-box-shadow:4px 4px  
4px 4px #9C7717; box-shadow:4px 4px 4px  
4px #9C7717 }
```

Background

The CSS property to change the background color of an element to Hex 9C7717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C7717 }
```

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

```
.background{ background-color:#9C7717 }
```

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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