

# Converting Colors

Hex(9D7227)

Have a look what the booklet for  
Hex(9D7227) contains.

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**Color**

**Hex(9D7227)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D7227
RGB	157, 114, 39
RGB Percent	62%, 45%, 15%
CMY	0.3843, 0.5529, 0.8471
CMYK	0.00, 0.27, 0.75, 0.38
HSL	38°, 60%, 38%
HSV	38°, 75%, 62%
XYZ	20.2881, 19.3492, 4.5849
YIQ	118.3070, 49.7030, -14.2090

# Conversions

## Conversions Part 2

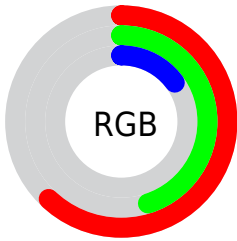
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 157, 39
Decimal	10318375
CIELab	51.09, 9.62, 46.10
CIELCh	51, 47.091, 78.211
Yxy	19.3492, 0.4588, 0.4375
Android (android.graphics.Color)	4288508455 (0xFF9D7227)
YUV	118.3070, -39.0984, 33.9338
Hunter-Lab	43.9877, 5.3497, 24.6115

# Details

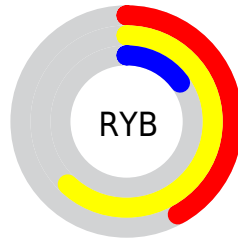
The Hex color **9D7227** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **27529D**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **D7A659**, and **654200** is the 20% darker color. If you saturate the color by 10%, you get **9D6C17**, and if you desaturate by 10%, it is **9D7837**.

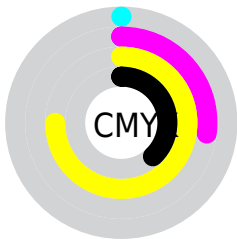
# Distribution



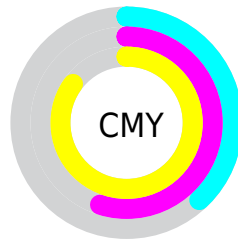
- Red (62%)
- Green (45%)
- Blue (15%)



- Red (42%)
- Yellow (62%)
- Blue (15%)



- Cyan (0%)
- Magenta (27%)
- Yellow (75%)
- Black (38%)



- Cyan (38%)
- Magenta (55%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D7227 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 9D7227 by changing the saturation by 10% instead.





9D7227



9D7227

FFFFFF



815A0B



D7A659



654200



F5C173



4B2C00



FFDD8D



311800



FFF9A8



190000



FFFFC4



000000



FFFFE0



FFFFFFD



9D7227



9D7227

■ 9D6C17

■ 9D7837

■ 9D6708

■ 9D7D46

■ 9D6400

■ 9D8356

■ 9D8966

■ 9D8F76

■ 9D9485

■ 9D9A95

■ 9DA0A5

■ 9DA5B4

# Harmonies

## Analogous

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



B8623F



9D7227



787F27

# Triad

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



9D7227



008D92



9B65B0

# Complementary

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



9D7227



27529D

# 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.



5F75C6



9D7227



008AB5

# Square

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



9D7227



008C68



0083C8



BB578B

# Rectangle

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



9D7227



5A8537



0083C8



8A6AB9



# Sweetspot

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



9D7227



CCBB9D



9D2752



665C49



E6E6E6



666666



# Same Dimension

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



9D7227



CC8914



8D9D27



4F4C47



8F5B00



0F0A00



# Inverse Universe

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



27529D



1457CC



37279D



474A4F



00348F



00060F



# Previews

## White Background



This preview shows how the Hex color 9D7227 looks on a white background.

## Color Contrast Check

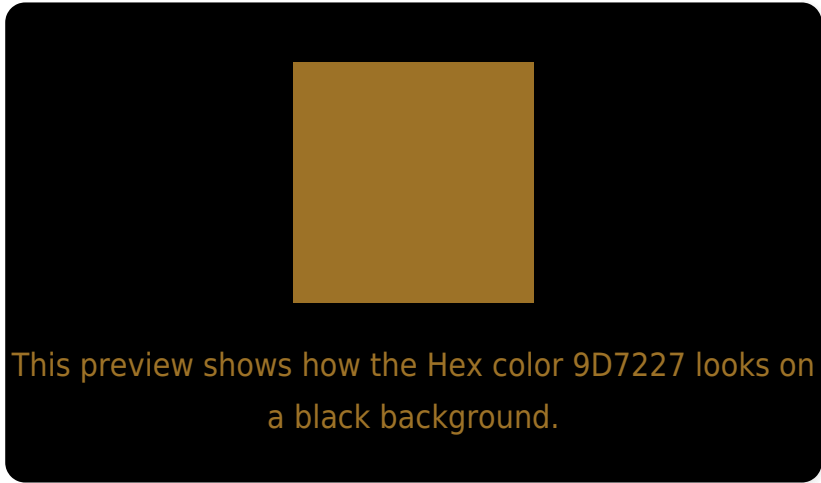
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D7227 Background



This preview shows how black text looks on a background with the Hex color 9D7227.



This preview shows how white text looks on a background with the Hex color 9D7227.

# 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**  
9D7227

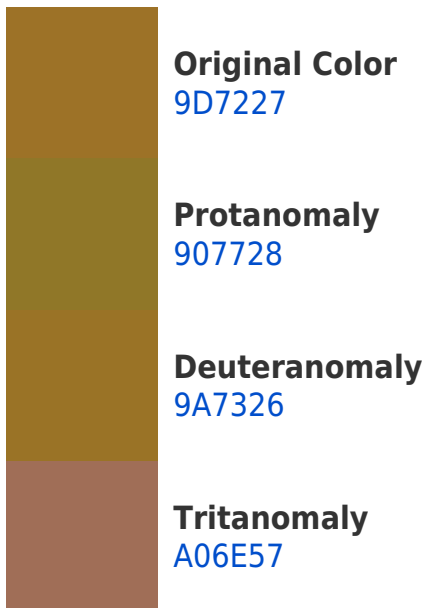
**Protanopia**  
897A29

**Deuteranopia**  
997426

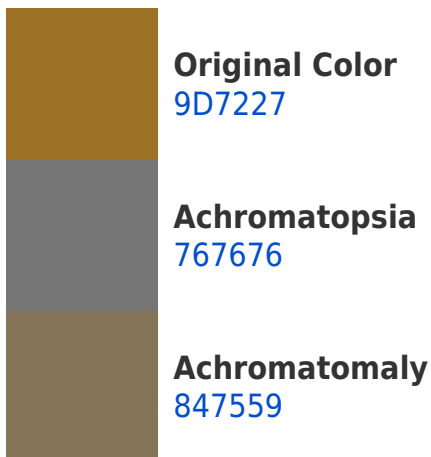


**Tritanopia**  
A26B73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D7227 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 #9D7227 looks like.

```
.text, #text, p{  
    color:#9D7227  
}
```

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 #9D7227 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D7227
}
```

## Border

The CSS property to change the border of an element to Hex 9D7227 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
#9D7227 }
```

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

```
.border{ border-color:#9D7227 }
```

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

Here you see how a box with a 4 pixel #9D7227 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D7227; -webkit-box-shadow:4px 4px  
4px 4px #9D7227; box-shadow:4px 4px 4px  
4px #9D7227 }
```

# Background

The CSS property to change the background color of an element to Hex 9D7227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D7227 }
```

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

```
.background{ background-color:#9D7227 }
```

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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