

Converting Colors

Hex(9D7F2E)

Have a look what the booklet for
Hex(9D7F2E) contains.

Hex(9D7F2E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9D7F2E)

Conversions

Conversions Part 1

Format	Color
Hex	9D7F2E
RGB	157, 127, 46
RGB Percent	62%, 50%, 18%
CMY	0.3843, 0.5020, 0.8196
CMYK	0.00, 0.19, 0.71, 0.38
HSL	44°, 55%, 40%
HSV	44°, 71%, 62%
XYZ	21.9871, 22.5441, 5.7774
YIQ	126.7360, 43.8810, -18.8310

Conversions

Conversions Part 2

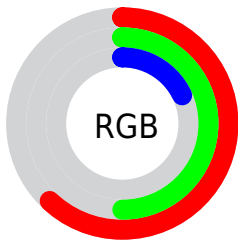
Format	Color
R _Y B	87, 157, 46
Decimal	10321710
CIE Lab	54.60, 2.63, 46.57
CIE LCh	55, 46.643, 86.772
Yxy	22.5441, 0.4370, 0.4481
Android (android.graphics.Color)	4288511790 (0xFF9D7F2E)
YUV	126.7360, -39.8028, 26.5415
Hunter-Lab	47.4806, -0.4320, 26.0221

Details

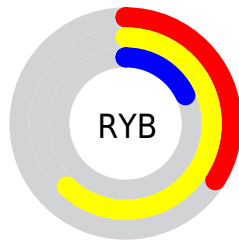
The Hex color **9D7F2E** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2E4C9D**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **D6B360**, and **664E00** is the 20% darker color. If you saturate the color by 10%, you get **9D7B1E**, and if you desaturate by 10%, it is **9D833E**.

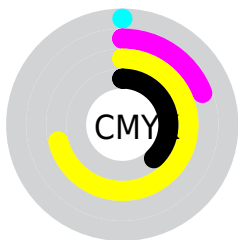
Distribution



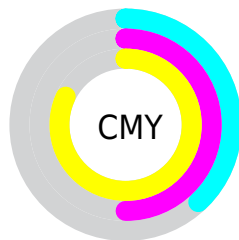
- Red (62%)
- Green (50%)
- Blue (18%)



- Red (34%)
- Yellow (62%)
- Blue (18%)



- Cyan (0%)
- Magenta (19%)
- Yellow (71%)
- Black (38%)



- Cyan (38%)
- Magenta (50%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9D7F2E 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 9D7F2E by changing the saturation by 10% instead.

 9D7F2E

 9D7F2E

FFFFFF

 816613

 D6B360

 664E00

 F4CF7A

 4C3800

 FFE895

 322300

 FFFF80

 190E00

 FFFFCC

 000000

 FFFF99

 9D7F2E

 9D7F2E

 9D7B1E

 9D833E

■ 9D770F

■ 9D874D

■ 9D7300

■ 9D8C5D

■ 9D906D

■ 9D947D

■ 9D988C

■ 9D9D9C

■ 9DA1AC

■ 9DA5BB

Harmonies

Analogous

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



BB7040



9D7F2E



758B36

Triad

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



9D7F2E



0096A6



B06AAF

Complementary

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



9D7F2E



2E4C9D

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.



7D7ACB



9D7F2E



0092C5

Square

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



9D7F2E



00967D



1388D3



CA5F89

Rectangle

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



9D7F2E



559149



1388D3



A26FBA

Sweetspot

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



9D7F2E



CCC0A1



9D2E4D



665F4D



E6E6E6



666666

Same Dimension

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



9D7F2E



CC9D1F



859D2E



4F4D47



8F6800



0F0B00

Inverse Universe

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



2E4C9D



1F4DCC



462E9D



47494F



00278F



00040F

Previews

White Background



This preview shows how the Hex color 9D7F2E looks on a white background.

Color Contrast Check

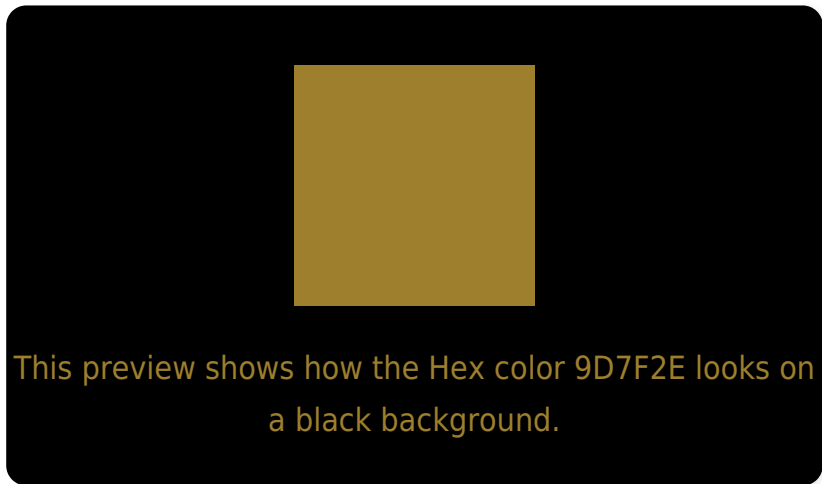
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D7F2E Background



This preview shows how black text looks on a background with the Hex color 9D7F2E.



This preview shows how white text looks on a background with the Hex color 9D7F2E.

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
9D7F2E

Protanopia
92832F

Deuteranopia
A37C2F



Tritanopia
A37780

Trichromacy



Original Color
9D7F2E

Protanomaly
96822F

Deuteranomaly
A17D2F

Tritanomaly
A17A62

Monochromacy



Original Color
9D7F2E

Achromatopsia
7F7F7F

Achromatomaly
8A7F62

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D7F2E 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 #9D7F2E looks like.

```
.text, #text, p{  
    color:#9D7F2E  
}
```

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 #9D7F2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D7F2E
}
```

Border

The CSS property to change the border of an element to Hex 9D7F2E 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
#9D7F2E }
```

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

```
.border{ border-color:#9D7F2E }
```

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

Here you see how a box with a 4 pixel #9D7F2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D7F2E; -webkit-box-shadow:4px 4px  
4px 4px #9D7F2E; box-shadow:4px 4px 4px  
4px #9D7F2E }
```

Background

The CSS property to change the background color of an element to Hex 9D7F2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D7F2E }
```

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

```
.background{ background-color:#9D7F2E }
```

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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