

Converting Colors

Hex(9D7F00)

Have a look what the booklet for
Hex(9D7F00) contains.

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Color

Hex(9D7F00)

Conversions

Conversions Part 1

Format	Color
Hex	9D7F00
RGB	157, 127, 0
RGB Percent	62%, 50%, 0%
CMY	0.3843, 0.5020, 1.0000
CMYK	0.00, 0.19, 1.00, 0.38
HSL	49°, 100%, 31%
HSV	49°, 100%, 62%
XYZ	21.4940, 22.3468, 3.1805
YIQ	121.4920, 58.6470, -33.1370

Conversions

Conversions Part 2

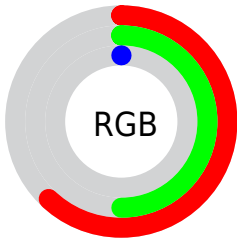
Format	Color
R _Y B	37, 157, 0
Decimal	10321664
CIE Lab	54.39, 1.20, 59.77
CIE LCh	54, 59.785, 88.845
Yxy	22.3468, 0.4571, 0.4752
Android (android.graphics.Color)	4288511744 (0xFF9D7F00)
YUV	121.4920, -59.8956, 31.1405
Hunter-Lab	47.2724, -1.5658, 29.1016

Details

The Hex color **9D7F00** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **001E9D**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **D8B343**, and **654E00** is the 20% darker color. If you saturate the color by 10%, you get **9D7F00**, and if you desaturate by 10%, it is **9D8210**.

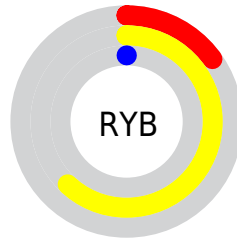
Distribution



Red (62%)

Green (50%)

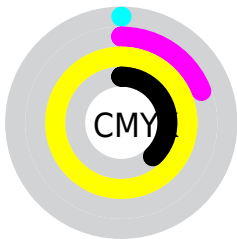
Blue (0%)



Red (15%)

Yellow (62%)

Blue (0%)

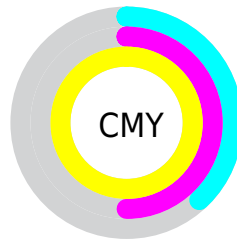


Cyan (0%)

Magenta (19%)

Yellow (100%)

Black (38%)



Cyan (38%)

Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9D7F00 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 9D7F00 by changing the saturation by 10% instead.

 9D7F00

 9D7F00

FFFFFF

 816600

 D8B343

 654E00

 F6CF5E

 4A3800

 FFEB79

 302300

 FFFF94

 170E00

 FFFFB0

 000000

 FFFFCC

 FFFFEE9

 9D7F00

 9D8210

 9D851F

 9D882F

 9D8B3F

 9D8E4F

 9D915E

 9D946E

 9D977E

 9D9A8D

Harmonies

Analogous

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



C46B27



9D7F00



6A8E1A

Triad

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



9D7F00



009AB3



BE5EB8

Complementary

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



9D7F00



001E9D

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.



7D75DD



9D7F00



0095DA

Square

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



9D7F00



009A7E



0089EA



DB4E86

Rectangle

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



9D7F00



3B9439



0089EA



AD65C7

Sweetspot

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



9D7F00



CCC08F



9D001F



665F41



E6E6E6



666666

Same Dimension

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



9D7F00



CCA500



6E9D00



4F4E47



8F7400



0F0C00

Inverse Universe

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



001E9D



0027CC



2F009D



47494F



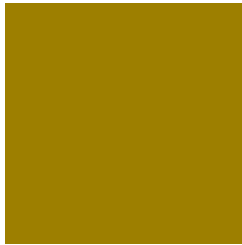
001B8F



00030F

Previews

White Background



This preview shows how the Hex color 9D7F00 looks on a white background.

Color Contrast Check

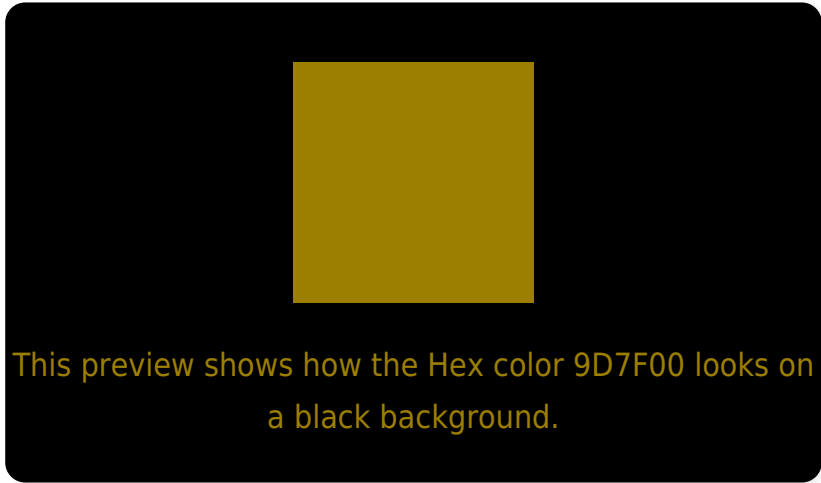
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D7F00 Background



This preview shows how black text looks on a background with the Hex color 9D7F00.



This preview shows how white text looks on a background with the Hex color 9D7F00.

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
9D7F00

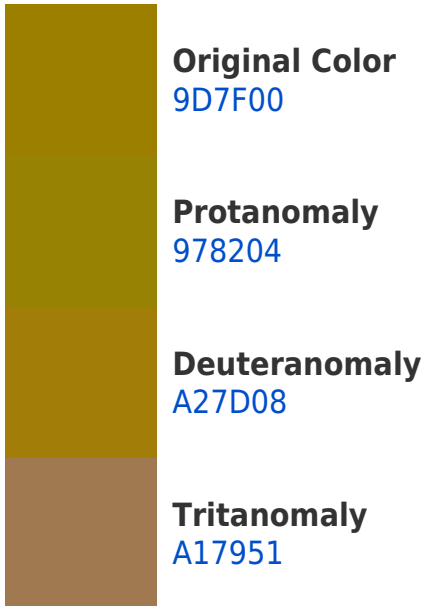
Protanopia
938307

Deuteranopia
A57C0C

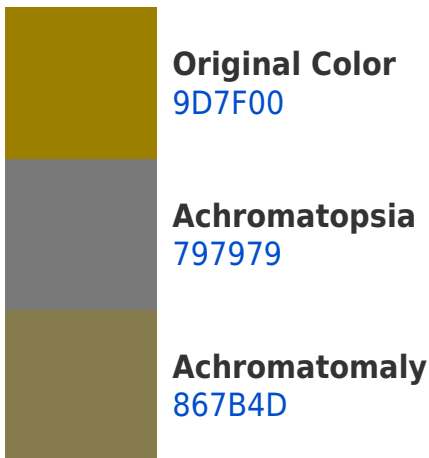


Tritanopia
A4767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9D7F00 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 #9D7F00 looks like.

```
.text, #text, p{  
    color:#9D7F00  
}
```

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 #9D7F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D7F00
}
```

Border

The CSS property to change the border of an element to Hex 9D7F00 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
#9D7F00 }
```

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

```
.border{ border-color:#9D7F00 }
```

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

Here you see how a box with a 4 pixel #9D7F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D7F00; -webkit-box-shadow:4px 4px  
4px 4px #9D7F00; box-shadow:4px 4px 4px  
4px #9D7F00 }
```

Background

The CSS property to change the background color of an element to Hex 9D7F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D7F00 }
```

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

```
.background{ background-color:#9D7F00 }
```

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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