

Converting Colors

Hex(9E7300)

Have a look what the booklet for
Hex(9E7300) contains.

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Color

Hex(9E7300)

Conversions

Conversions Part 1

Format	Color
Hex	9E7300
RGB	158, 115, 0
RGB Percent	62%, 45%, 0%
CMY	0.3804, 0.5490, 1.0000
CMYK	0.00, 0.27, 1.00, 0.38
HSL	44°, 100%, 31%
HSV	44°, 100%, 62%
XYZ	20.2313, 19.5306, 2.7035
YIQ	114.7470, 62.5430, -26.6490

Conversions

Conversions Part 2

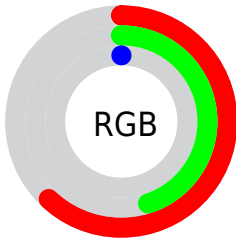
Format	Color
R_{YB}	59, 158, 0
Decimal	10384128
CIE _{Lab}	51.30, 8.44, 57.69
CIE _{LCh}	51, 58.306, 81.676
Yxy	19.5306, 0.4764, 0.4599
Android (android.graphics.Color)	4288574208 (0xFF9E7300)
YUV	114.7470, -56.5703, 37.9329
Hunter-Lab	44.1934, 4.3770, 27.3084

Details

The Hex color **9E7300** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **002B9E**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **D9A741**, and **664300** is the 20% darker color. If you saturate the color by 10%, you get **9E7300**, and if you desaturate by 10%, it is **9E7710**.

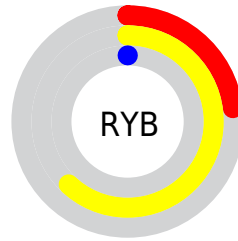
Distribution



Red (62%)

Green (45%)

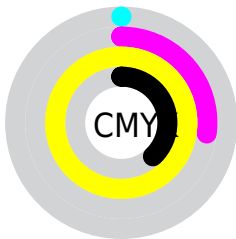
Blue (0%)



Red (23%)

Yellow (62%)

Blue (0%)

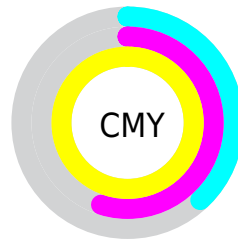


Cyan (0%)

Magenta (27%)

Yellow (100%)

Black (38%)



Cyan (38%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E7300 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 9E7300 by changing the saturation by 10% instead.

 9E7300

 9E7300

FFFFFF

 815B00

 D9A741

 664300

 F7C25B

 4A2D00

 FFDE76

 301900

 FFFA91

 180000

 FFFFAC

 000000

 FFFF8C

 FFFF5E

 9E7300

 9E7710

 9E7C20

 9E802F

 9E843F

 9E894F

 9E8D5F

 9E916F

 9E957E

 9E9A8E

Harmonies

Analogous

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



C15E2C



9E7300



708208

Triad

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



9E7300



00919E



A85CB9

Complementary

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



9E7300



002B9E

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.



5E73D7



9E7300



008EC8

Square

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



9E7300



00906A



0084DD



CC498A

Rectangle

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



9E7300



488928



0084DD



9564C5

Sweetspot

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



9E7300



CFBE91



9E002D



695E43



E8E8E8



696969

Same Dimension

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



9E7300



CF9600



7C9E00



4F4D47



8F6800



0F0B00

Inverse Universe

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



002B9E



0038CF



22009E



47494F



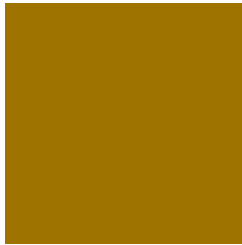
00278F



00040F

Previews

White Background



This preview shows how the Hex color 9E7300 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 9E7300 Background



This preview shows how black text looks on a background with the Hex color 9E7300.



This preview shows how white text looks on a background with the Hex color 9E7300.

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
9E7300

Protanopia
8A7B09

Deuteranopia
9B7400

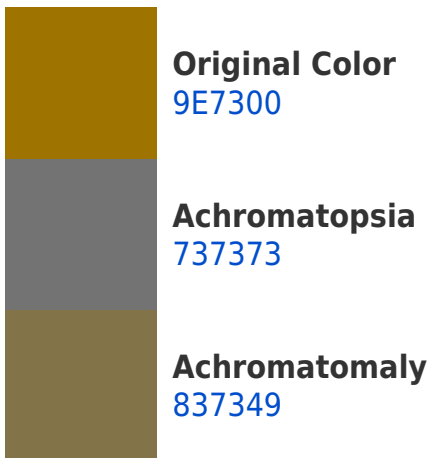


Tritanopia
A36B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9E7300 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 #9E7300 looks like.

```
.text, #text, p{  
    color:#9E7300  
}
```

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 #9E7300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E7300
}
```

Border

The CSS property to change the border of an element to Hex 9E7300 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
#9E7300 }
```

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

```
.border{ border-color:#9E7300 }
```

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

Here you see how a box with a 4 pixel #9E7300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E7300; -webkit-box-shadow:4px 4px  
4px 4px #9E7300; box-shadow:4px 4px 4px  
4px #9E7300 }
```

Background

The CSS property to change the background color of an element to Hex 9E7300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E7300 }
```

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

```
.background{ background-color:#9E7300 }
```

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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