

Converting Colors

Hex(9E8505)

Have a look what the booklet for
Hex(9E8505) contains.

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Color

Hex(9E8505)

Conversions

Conversions Part 1

Format	Color
Hex	9E8505
RGB	158, 133, 5
RGB Percent	62%, 52%, 2%
CMY	0.3804, 0.4784, 0.9804
CMYK	0.00, 0.16, 0.97, 0.38
HSL	50°, 94%, 32%
HSV	50°, 97%, 62%
XYZ	22.5155, 24.0551, 3.6000
YIQ	125.8830, 55.9880, -34.5080

Conversions

Conversions Part 2

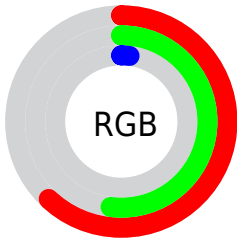
Format	Color
R_{YB}	35, 158, 5
Decimal	10388741
CIE _{Lab}	56.14, -1.59, 60.19
CIE _{LCh}	56, 60.214, 91.510
Yxy	24.0551, 0.4488, 0.4795
Android (android.graphics.Color)	4288578821 (0xFF9E8505)
YUV	125.8830, -59.5953, 28.1666
Hunter-Lab	49.0460, -3.8868, 29.9803

Details

The Hex color **9E8505** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **051E9E**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **D8BA47**, and **665400** is the 20% darker color. If you saturate the color by 10%, you get **9E8400**, and if you desaturate by 10%, it is **9E8815**.

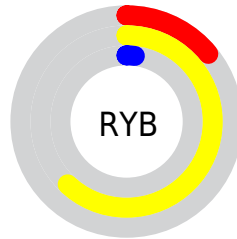
Distribution



Red (62%)

Green (52%)

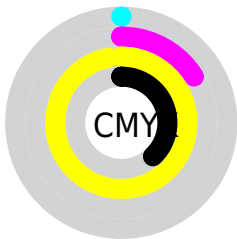
Blue (2%)



Red (14%)

Yellow (62%)

Blue (2%)

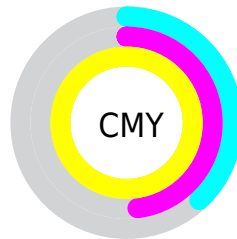


Cyan (0%)

Magenta (16%)

Yellow (97%)

Black (38%)



Cyan (38%)

Magenta (48%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E8505 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 9E8505 by changing the saturation by 10% instead.

 9E8505

 9E8505

FFFFFF

 826C00

 D8BA47

 665400

 F6D561

 4B3D00

 FFF27C

 312800

 FFFF98

 181400

 FFFFB4

 000000

 FFFF00

 FFFFED

 9E8505

 9E8505

■ 9E8400

■ 9E8815

■ 9E8A25

■ 9E8D34

■ 9E8F44

■ 9E9254

■ 9E9464

■ 9E9774

■ 9E9A83

■ 9E9C93

Harmonies

Analogous

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



C77127



9E8505



699322

Triad

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



9E8505



009EBC



C760B9

Complementary

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



9E8505



051E9E

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.



8977E0



9E8505



0099E2

Square

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



9E8505



009F88



008CF0



E35286

Rectangle

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



9E8505



379941



008CF0



B767C8

Sweetspot

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



9E8505



CFC593



9E051F



696344



E8E8E8



696969

Same Dimension

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



9E8505



CFAD00



6B9E05



4F4E47



8F7700



0F0D00

Inverse Universe

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



051E9E



0022CF



38059E



47484F



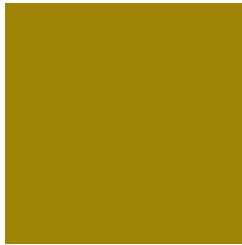
00178F



00030F

Previews

White Background



This preview shows how the Hex color 9E8505 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 9E8505 Background



This preview shows how black text looks on a background with the Hex color 9E8505.



This preview shows how white text looks on a background with the Hex color 9E8505.

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
9E8505

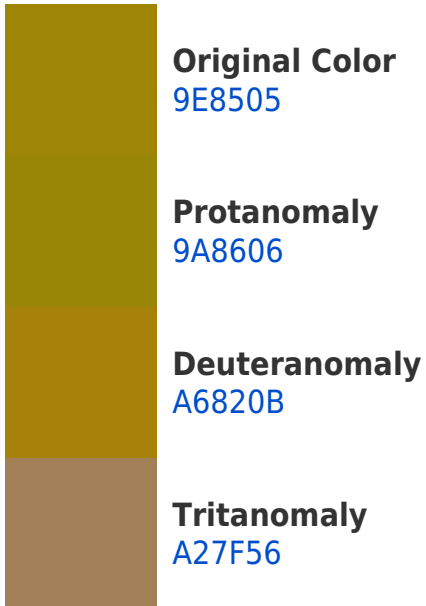
Protanopia
988707

Deuteranopia
AA800F

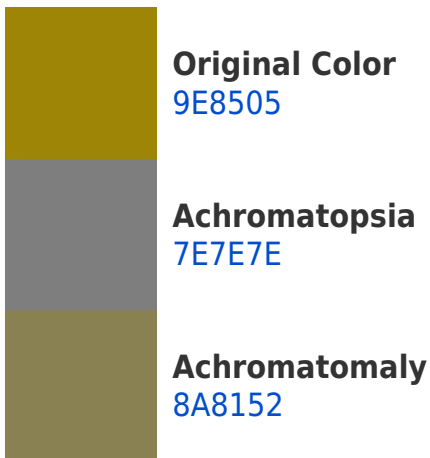


Tritanopia
A57C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9E8505 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 #9E8505 looks like.

```
.text, #text, p{  
    color:#9E8505  
}
```

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 #9E8505 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E8505
}
```

Border

The CSS property to change the border of an element to Hex 9E8505 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
#9E8505 }
```

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

```
.border{ border-color:#9E8505 }
```

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

Here you see how a box with a 4 pixel #9E8505 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E8505; -webkit-box-shadow:4px 4px  
4px 4px #9E8505; box-shadow:4px 4px 4px  
4px #9E8505 }
```

Background

The CSS property to change the background color of an element to Hex 9E8505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E8505 }
```

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

```
.background{ background-color:#9E8505 }
```

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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