

# Converting Colors

Hex(9E9225)

Have a look what the booklet for  
Hex(9E9225) contains.

<b>Hex(9E9225)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(9E9225)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E9225
RGB	158, 146, 37
RGB Percent	62%, 57%, 15%
CMY	0.3804, 0.4275, 0.8549
CMYK	0.00, 0.08, 0.77, 0.38
HSL	54°, 62%, 38%
HSV	54°, 77%, 62%
XYZ	24.7134, 27.9604, 5.8446
YIQ	137.1620, 42.1410, -31.3550

# Conversions

## Conversions Part 2

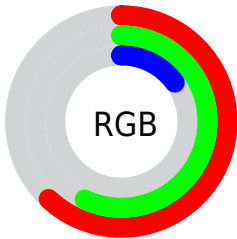
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 158, 37
Decimal	10392101
CIELab	59.85, -7.82, 55.34
CIELCh	60, 55.886, 98.046
Yxy	27.9604, 0.4223, 0.4778
Android (android.graphics.Color)	4288582181 (0xFF9E9225)
YUV	137.1620, -49.3799, 18.2749
Hunter-Lab	52.8776, -9.1105, 30.4609

# Details

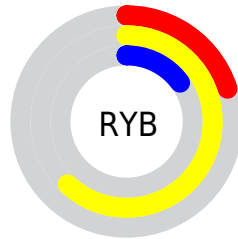
The Hex color **9E9225** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **25319E**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **D8C85B**, and **676000** is the 20% darker color. If you saturate the color by 10%, you get **9E9015**, and if you desaturate by 10%, it is **9E9435**.

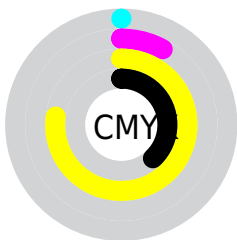
# Distribution



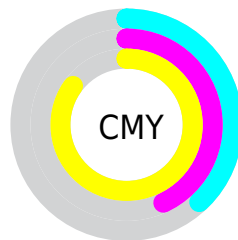
- Red (62%)
- Green (57%)
- Blue (15%)



- Red (20%)
- Yellow (62%)
- Blue (15%)



- Cyan (0%)
- Magenta (8%)
- Yellow (77%)
- Black (38%)



- Cyan (38%)
- Magenta (43%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E9225 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 9E9225 by changing the saturation by 10% instead.





9E9225



9E9225

FFFFFF



827800



D8C85B



676000



F5E475



4D4800



FFFF90



323200



FFFFAC



1A1D00



FFFC8



000000



FFFFE5



9E9225



9E9225



9E9015



9E9435

■ 9E8F05

■ 9E9545

■ 9E8E00

■ 9E9754

■ 9E9864

■ 9E9A74

■ 9E9B84

■ 9E9D94

■ 9E9FA3

■ 9EA0B3

# Harmonies

## Analogous

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



C78032



9E9225



699E3E

# Triad

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



9E9225



00A6CC



D66AB6

# Complementary

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



9E9225



25319E

# 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.



A47EDE



9E9225



009FEB

# Square

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



9E9225



00A89C



4491F2



EA6285

# Rectangle

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



9E9225



37A45A



4491F2



C970C5



# Sweetspot

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



9E9225



CFCA9F



9E2531



69664B



E8E8E8



696969



# Same Dimension

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



9E9225



CFBC11



6E9E25



4F4E47



8F8100



0F0E00



# Inverse Universe

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



25319E



1123CF



55259E



47484F



000E8F



00020F



# Previews

## White Background



This preview shows how the Hex color 9E9225 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 9E9225 Background



This preview shows how black text looks on a background with the Hex color 9E9225.



This preview shows how white text looks on a background with the Hex color 9E9225.

# 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**  
9E9225

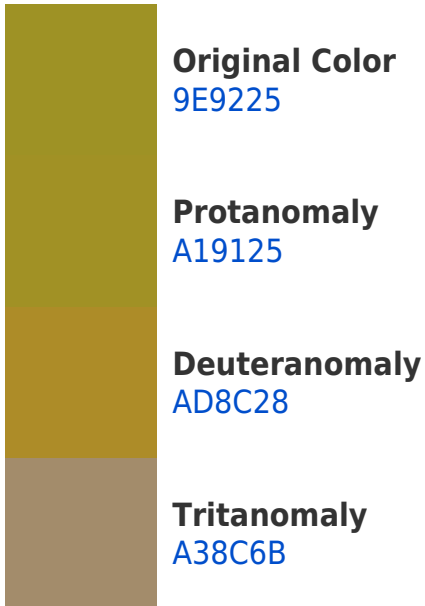
**Protanopia**  
A29125

**Deuteranopia**  
B58929

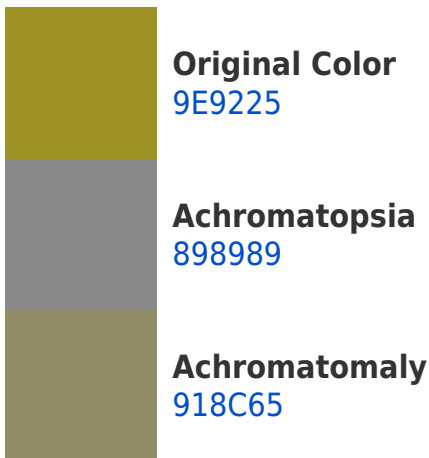


**Tritanopia**  
A68893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E9225 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 #9E9225 looks like.

```
.text, #text, p{  
    color:#9E9225  
}
```

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 #9E9225 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E9225
}
```

## Border

The CSS property to change the border of an element to Hex 9E9225 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
#9E9225 }
```

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

```
.border{ border-color:#9E9225 }
```

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

Here you see how a box with a 4 pixel #9E9225 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E9225; -webkit-box-shadow:4px 4px  
4px 4px #9E9225; box-shadow:4px 4px 4px  
4px #9E9225 }
```

# Background

The CSS property to change the background color of an element to Hex 9E9225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E9225 }
```

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

```
.background{ background-color:#9E9225 }
```

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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