

# Converting Colors

Hex(9C8230)

Have a look what the booklet for  
Hex(9C8230) contains.

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**Color**

**Hex(9C8230)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C8230
RGB	156, 130, 48
RGB Percent	61%, 51%, 19%
CMY	0.3882, 0.4902, 0.8118
CMYK	0.00, 0.17, 0.69, 0.39
HSL	46°, 53%, 40%
HSV	46°, 69%, 61%
XYZ	22.2264, 23.2466, 6.1119
YIQ	128.4260, 41.8180, -19.9900

# Conversions

## Conversions Part 2

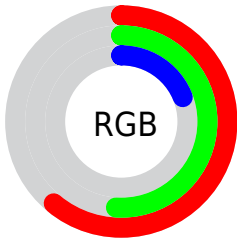
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 156, 48
Decimal	10256944
CIE <sub>Lab</sub>	55.33, 0.61, 46.40
CIE <sub>LCh</sub>	55, 46.401, 89.250
Yxy	23.2466, 0.4309, 0.4506
Android (android.graphics.Color)	4288447024 (0xFF9C8230)
YUV	128.4260, -39.6500, 24.1824
Hunter-Lab	48.2147, -2.0893, 26.2345

# Details

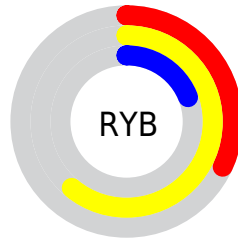
The Hex color **9C8230** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **304A9C**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **D5B763**, and **655100** is the 20% darker color. If you saturate the color by 10%, you get **9C7E20**, and if you desaturate by 10%, it is **9C8640**.

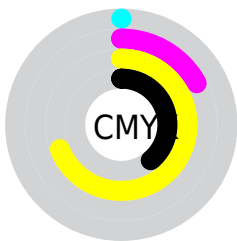
# Distribution



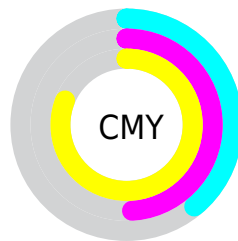
- Red (61%)
- Green (51%)
- Blue (19%)



- Red (32%)
- Yellow (61%)
- Blue (19%)



- Cyan (0%)
- Magenta (17%)
- Yellow (69%)
- Black (39%)



- Cyan (39%)
- Magenta (49%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C8230 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 9C8230 by changing the saturation by 10% instead.



 9C8230

 9C8230

FFFFFF

 806916


 D5B763

 655100

 F3D27C

 4B3A00

 FFEE97

 312500

 FFFFB2

 191100

 FFFFCE

 000000

 FFFFEB

 9C8230

 9C8230

 9C7E20

 9C8640

 9C7A11

 9C8A4F

 9C7701

 9C8D5F

 9C7600

 9C916E

 9C957E

 9C998E

 9C9C9D

 9CA0AD

 9CA4BC

# Harmonies

## Analogous

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



BB7340



9C8230



748E3B

# Triad

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



9C8230



0098AB



B56AAE

# Complementary

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



9C8230



304A9C

# 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.



857ACB



9C8230



0093C9

# Square

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



9C8230



009882



2C89D5



CC6187

# Rectangle

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



9C8230



53934E



2C89D5



A86FB9



# Sweetspot

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



9C8230



CCC2A1



9C304B



66604D



E6E6E6



666666



# Same Dimension

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



9C8230



CCA323



819C30



4F4D47



8F6C00



0F0C00



# Inverse Universe

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



304A9C



234BCC



4B309C



47494F



00228F



00040F



# Previews

## White Background



This preview shows how the Hex color 9C8230 looks on a white background.

## Color Contrast Check

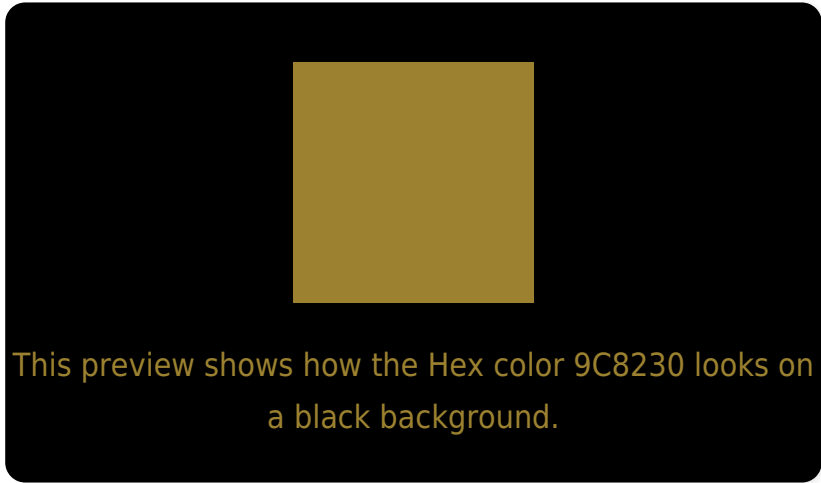
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C8230 Background



This preview shows how black text looks on a background with the Hex color 9C8230.



This preview shows how white text looks on a background with the Hex color 9C8230.

# 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**  
9C8230

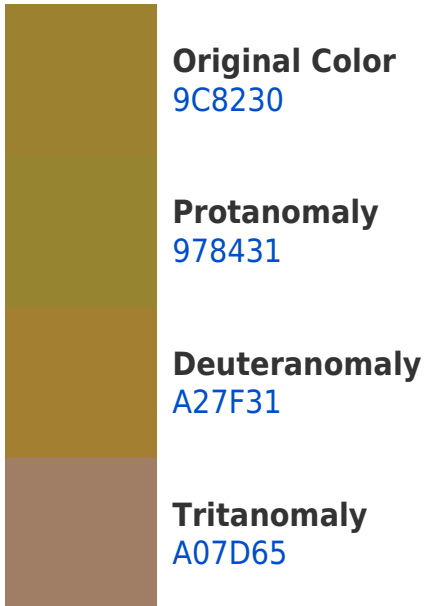
**Protanopia**  
948531

**Deuteranopia**  
A57E31

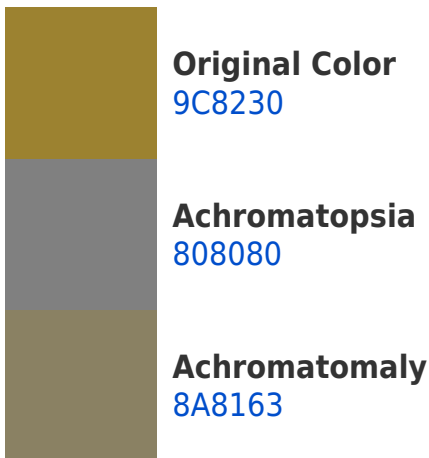


**Tritanopia**  
A27A83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C8230 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 #9C8230 looks like.

```
.text, #text, p{  
    color:#9C8230  
}
```

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 #9C8230 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C8230
}
```

## Border

The CSS property to change the border of an element to Hex 9C8230 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
#9C8230 }
```

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

```
.border{ border-color:#9C8230 }
```

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

Here you see how a box with a 4 pixel #9C8230 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C8230; -webkit-box-shadow:4px 4px  
4px 4px #9C8230; box-shadow:4px 4px 4px  
4px #9C8230 }
```

# Background

The CSS property to change the background color of an element to Hex 9C8230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C8230 }
```

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

```
.background{ background-color:#9C8230 }
```

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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