

# Converting Colors

Hex(9C880E)

Have a look what the booklet for  
Hex(9C880E) contains.

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# Color

Hex(9C880E)

# Conversions

## Conversions Part 1

Format	Color
Hex	9C880E
RGB	156, 136, 14
RGB Percent	61%, 53%, 5%
CMY	0.3882, 0.4667, 0.9451
CMYK	0.00, 0.13, 0.91, 0.39
HSL	52°, 84%, 33%
HSV	52°, 91%, 61%
XYZ	22.5937, 24.7079, 3.9938
YIQ	128.0720, 51.0820, -33.7020

# Conversions

## Conversions Part 2

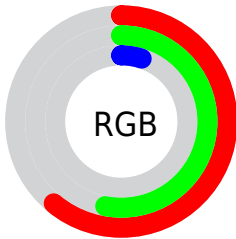
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 156, 14
Decimal	10258446
CIE Lab	56.79, -4.02, 59.05
CIE LCh	57, 59.185, 93.891
Yxy	24.7079, 0.4405, 0.4817
Android (android.graphics.Color)	4288448526 (0xFF9C880E)
YUV	128.0720, -56.2375, 24.4929
Hunter-Lab	49.7071, -5.8525, 30.0313

# Details

The Hex color **9C880E** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **0E229C**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **D6BD4B**, and **655700** is the 20% darker color. If you saturate the color by 10%, you get **9C8600**, and if you desaturate by 10%, it is **9C8A1E**.

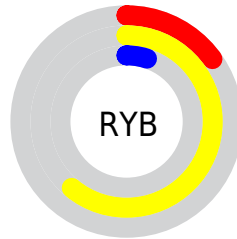
# Distribution



Red (61%)

Green (53%)

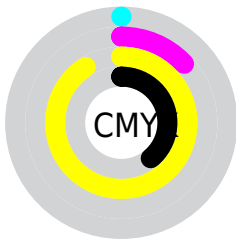
Blue (5%)



Red (15%)

Yellow (61%)

Blue (5%)

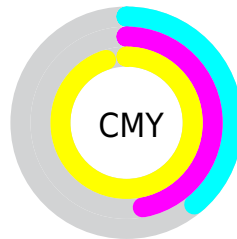


Cyan (0%)

Magenta (13%)

Yellow (91%)

Black (39%)



Cyan (39%)

Magenta (47%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C880E 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 9C880E by changing the saturation by 10% instead.



 9C880E

 9C880E

FFFFFF

 806F00

 D6BD4B

 655700

 F4D965

 4A4000

 FFF580

 302A00

 FFFF9C

 171600

 FFFF80

 000000

 FFFFD4

 FFFFF1

 9C880E

 9C880E

■ 9C8600

■ 9C8A1E

■ 9C8C2D

■ 9C8F3D

■ 9C914C

■ 9C935C

■ 9C956C

■ 9C977B

■ 9C9A8B

■ 9C9C9A

# Harmonies

## Analogous

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



C57527



9C880E



67962A

# Triad

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



9C880E



00A0C1



CC61B7

# Complementary

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



9C880E



0E229C

# 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.



9278DE



9C880E



0099E5

# Square

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



9C880E



00A18E



008CF0



E45584

# Rectangle

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



9C880E



339B48



008CF0



BC68C6



# Sweetspot

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



9C880E



CCC495



9C0E23



666145



E6E6E6



666666



# Same Dimension

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



9C880E



CCAF00



6A9C0E



4F4E47



8F7B00



0F0D00



# Inverse Universe

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



0E229C



001DCC



400E9C



47484F



00148F

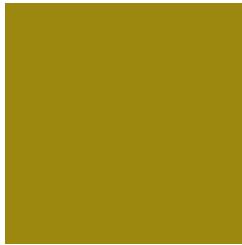


00020F



# Previews

## White Background



This preview shows how the Hex color 9C880E looks on a white background.

## Color Contrast Check

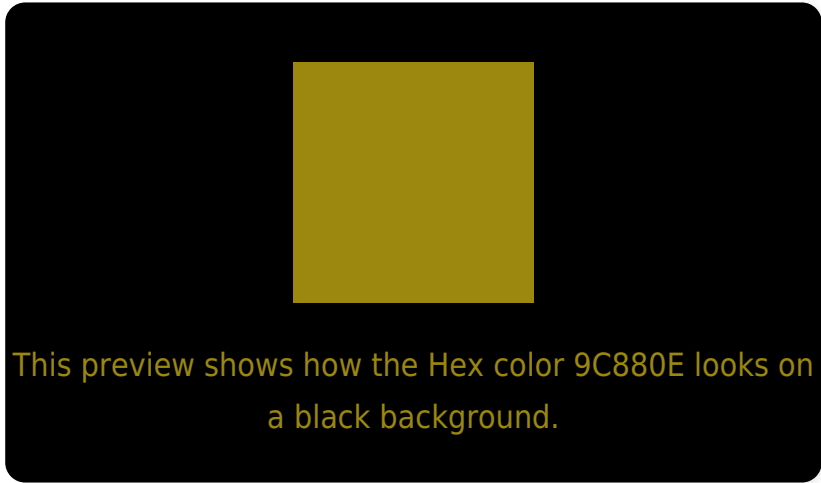
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C880E Background



This preview shows how black text looks on a background with the Hex color 9C880E.



This preview shows how white text looks on a background with the Hex color 9C880E.

# 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**  
9C880E

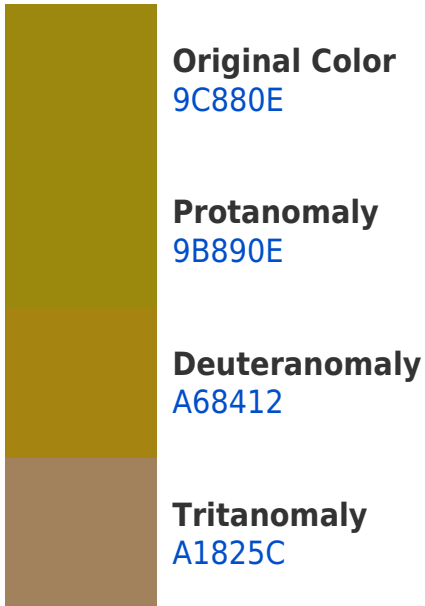
**Protanopia**  
9A890E

**Deuteranopia**  
AC8115

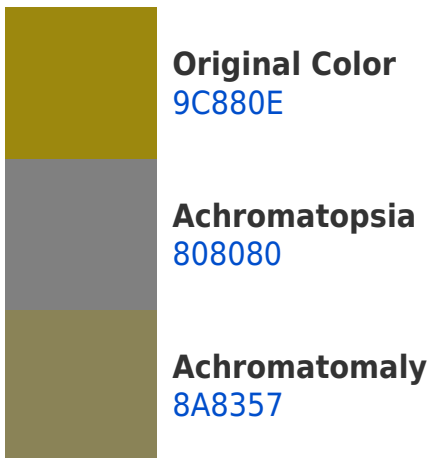


**Tritanopia**  
A47E88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C880E 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 #9C880E looks like.

```
.text, #text, p{  
    color:#9C880E  
}
```

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 #9C880E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C880E
}
```

## Border

The CSS property to change the border of an element to Hex 9C880E 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
#9C880E }
```

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

```
.border{ border-color:#9C880E }
```

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

Here you see how a box with a 4 pixel #9C880E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C880E; -webkit-box-shadow:4px 4px  
4px 4px #9C880E; box-shadow:4px 4px 4px  
4px #9C880E }
```

# Background

The CSS property to change the background color of an element to Hex 9C880E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C880E }
```

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

```
.background{ background-color:#9C880E }
```

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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