

# Converting Colors

Hex(9A860E)

Have a look what the booklet for  
Hex(9A860E) contains.

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**Color**

**Hex(9A860E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A860E
RGB	154, 134, 14
RGB Percent	60%, 53%, 5%
CMY	0.3961, 0.4745, 0.9451
CMYK	0.00, 0.13, 0.91, 0.40
HSL	51°, 83%, 33%
HSV	51°, 91%, 60%
XYZ	21.9308, 23.9519, 3.8828
YIQ	126.3000, 50.4400, -33.0800

# Conversions

## Conversions Part 2

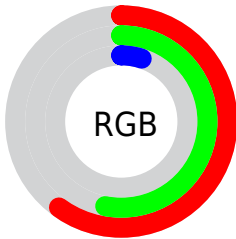
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 154, 14
Decimal	10126862
CIE Lab	56.04, -3.84, 58.38
CIE LCh	56, 58.503, 93.766
Yxy	23.9519, 0.4407, 0.4813
Android (android.graphics.Color)	4288316942 (0xFF9A860E)
YUV	126.3000, -55.3639, 24.2929
Hunter-Lab	48.9407, -5.6587, 29.5546

# Details

The Hex color **9A860E** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **0E229A**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **D4BB4A**, and **635500** is the 20% darker color. If you saturate the color by 10%, you get **9A8400**, and if you desaturate by 10%, it is **9A881D**.

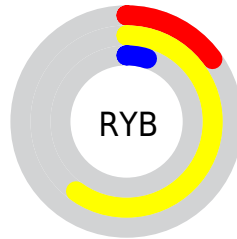
# Distribution



Red (60%)

Green (53%)

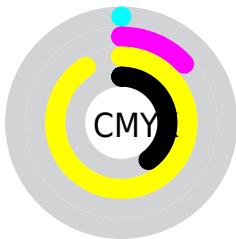
Blue (5%)



Red (15%)

Yellow (60%)

Blue (5%)

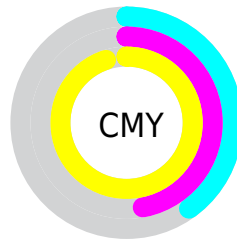


Cyan (0%)

Magenta (13%)

Yellow (91%)

Black (40%)



Cyan (40%)

Magenta (47%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A860E 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 9A860E by changing the saturation by 10% instead.





9A860E



9A860E

FFFFFF



7E6D00



D4BB4A



635500



F2D665



483E00



FFF380



2E2900



FFFF9B



151500



FFFFB7



000000



FFFFD3



FFFFF0



9A860E



9A860E

■ 9A8400

■ 9A881D

■ 9A8A2D

■ 9A8D3C

■ 9A8F4C

■ 9A915B

■ 9A936A

■ 9A957A

■ 9A9889

■ 9A9A99

# Harmonies

## Analogous

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



C37327



9A860E



669329

# Triad

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



9A860E



009DBE



C960B4

# Complementary

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



9A860E



0E229A

# 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.



8F76DB



9A860E



0097E1

# Square

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



9A860E



009E8B



008AEC



E15482

# Rectangle

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



9A860E



339947



008AEC



B967C3



# Sweetspot

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



9A860E



C9C293



9A0E23



666145



E6E6E6



666666



# Same Dimension

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



9A860E



C9AD00



699A0E



4D4B45



8C7800



0D0B00



# Inverse Universe

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



0E229A



001DC9



3F0E9A



45464D



00148C



00020D



# Previews

## White Background



This preview shows how the Hex color 9A860E looks on a white background.

## Color Contrast Check

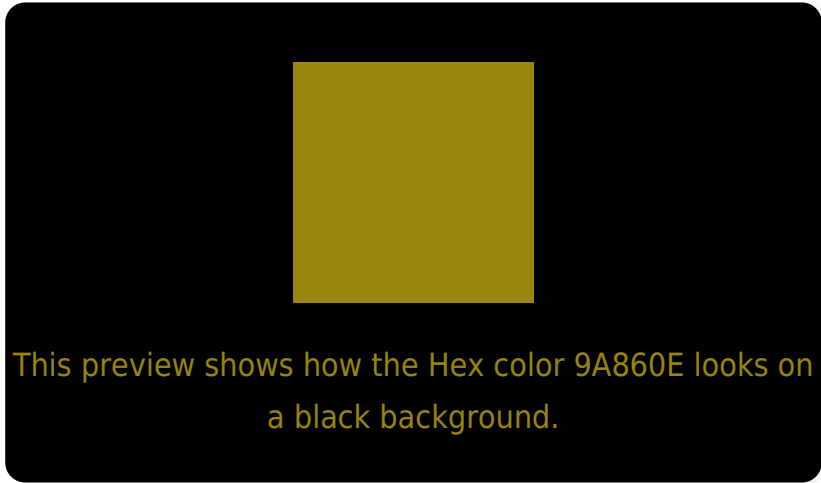
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A860E Background



This preview shows how black text looks on a background with the Hex color 9A860E.



This preview shows how white text looks on a background with the Hex color 9A860E.

# 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**  
9A860E

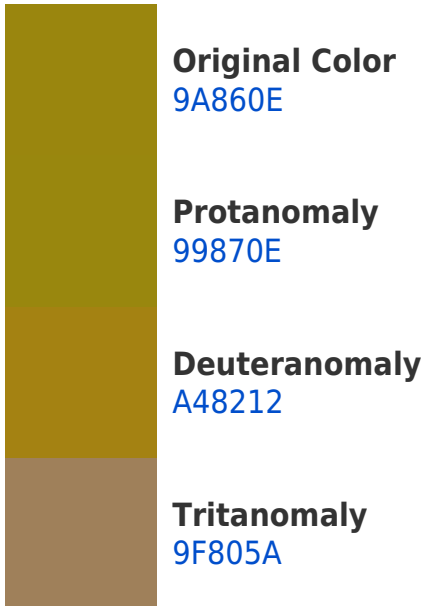
**Protanopia**  
98870E

**Deuteranopia**  
AA8015

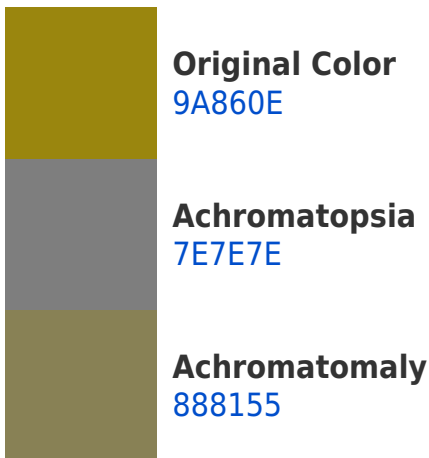


**Tritanopia**  
A27D86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A860E 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 #9A860E looks like.

```
.text, #text, p{  
    color:#9A860E  
}
```

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 #9A860E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A860E
}
```

## Border

The CSS property to change the border of an element to Hex 9A860E 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
#9A860E }
```

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

```
.border{ border-color:#9A860E }
```

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

Here you see how a box with a 4 pixel #9A860E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A860E; -webkit-box-shadow:4px 4px  
4px 4px #9A860E; box-shadow:4px 4px 4px  
4px #9A860E }
```

# Background

The CSS property to change the background color of an element to Hex 9A860E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A860E }
```

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

```
.background{ background-color:#9A860E }
```

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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