

# Converting Colors

Hex(9B690E)

Have a look what the booklet for  
Hex(9B690E) contains.

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**Color**

**Hex(9B690E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B690E
RGB	155, 105, 14
RGB Percent	61%, 41%, 5%
CMY	0.3922, 0.5882, 0.9451
CMYK	0.00, 0.32, 0.91, 0.39
HSL	39°, 83%, 33%
HSV	39°, 91%, 61%
XYZ	18.6484, 17.1034, 2.7339
YIQ	109.5760, 59.0110, -17.7010

# Conversions

## Conversions Part 2

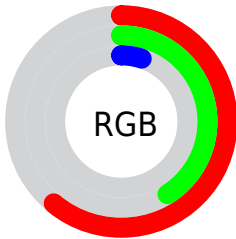
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	91, 155, 14
Decimal	10184974
CIE Lab	48.39, 13.00, 52.45
CIE LCh	48, 54.039, 76.085
Yxy	17.1034, 0.4846, 0.4444
Android (android.graphics.Color)	4288375054 (0xFF9B690E)
YUV	109.5760, -47.1190, 39.8368
Hunter-Lab	41.3563, 8.1159, 25.0300

# Details

The Hex color **9B690E** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0E409B**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **D69C45**, and **633A00** is the 20% darker color. If you saturate the color by 10%, you get **9B6400**, and if you desaturate by 10%, it is **9B6E1D**.

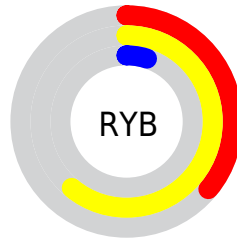
# Distribution



Red (61%)

Green (41%)

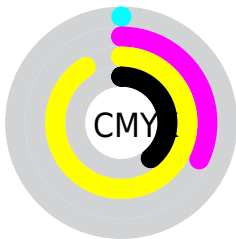
Blue (5%)



Red (36%)

Yellow (61%)

Blue (5%)

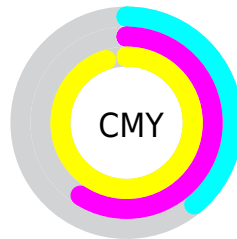


Cyan (0%)

Magenta (32%)

Yellow (91%)

Black (39%)



Cyan (39%)

Magenta (59%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B690E 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 9B690E by changing the saturation by 10% instead.



 9B690E

 9B690E

FFFFFF

 7E5100

 D69C45

 633A00

 F4B75F

 472400

 FFD279

 2D1000

 FFEF94

 0F0000

 FFFF4F

 000000

 FFFF8B

 FFFF88

 9B690E

 9B690E

■ 9B6400

■ 9B6E1D

■ 9B742D

■ 9B793C

■ 9B7F4C

■ 9B845C

■ 9B8A6B

■ 9B8F7A

■ 9B958A

■ 9B9A9A

# Harmonies

## Analogous

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



B85632



9B690E



727808

# Triad

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



9B690E



00888B



945BB3

# Complementary

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



9B690E



0E409B

# 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.



4570CB



9B690E



0086B4

# Square

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



9B690E



00875B



007ECC



BA498A

# Rectangle

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



9B690E



517F21



007ECC



8063BD



# Sweetspot

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



9B690E



C9B693



9B0E42



665A45



E6E6E6



666666



# Same Dimension

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



9B690E



C98200



889B0E



4D4A45



8C5B00



0D0800



# Inverse Universe

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



0E409B



0047C9



210E9B



45484D



00328C

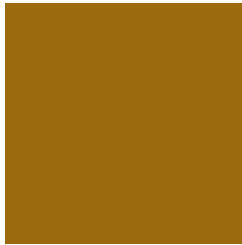


00050D



# Previews

## White Background



This preview shows how the Hex color 9B690E looks on a white background.

## Color Contrast Check

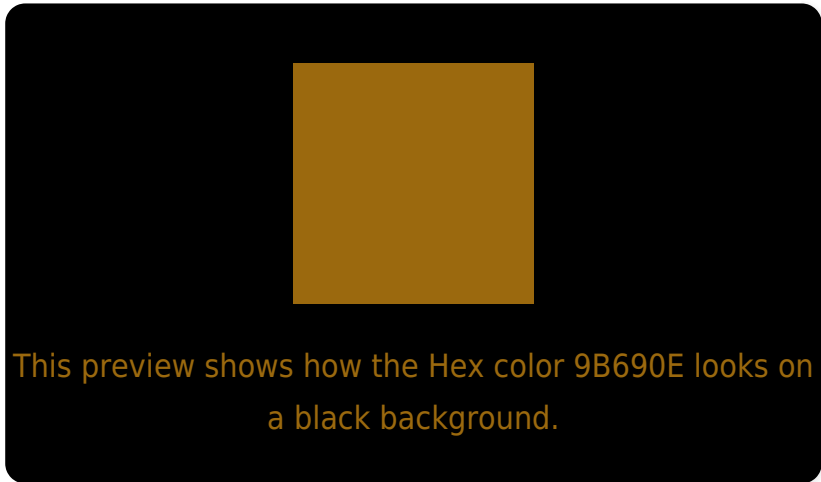
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9B690E Background



This preview shows how black text looks on a background with the Hex color 9B690E.



This preview shows how white text looks on a background with the Hex color 9B690E.

# 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**  
9B690E

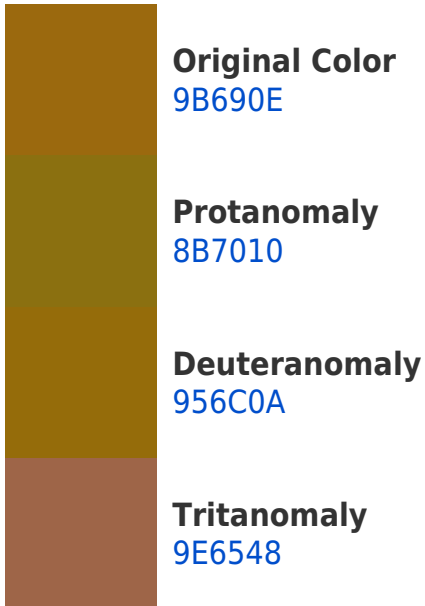
**Protanopia**  
827411

**Deuteranopia**  
926D08

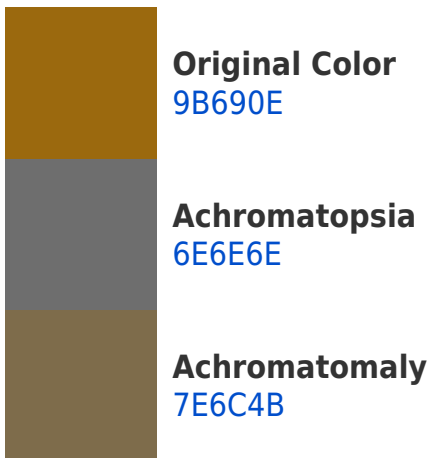


**Tritanopia**  
9F6269

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B690E 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 #9B690E looks like.

```
.text, #text, p{  
    color:#9B690E  
}
```

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 #9B690E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B690E
}
```

## Border

The CSS property to change the border of an element to Hex 9B690E is called "border". The border property can be set on classes, ids or directly on the HTML element.

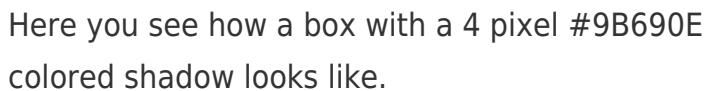
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B690E }
```

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

```
.border{ border-color:#9B690E }
```

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



Here you see how a box with a 4 pixel #9B690E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B690E; -webkit-box-shadow:4px 4px  
4px 4px #9B690E; box-shadow:4px 4px 4px  
4px #9B690E }
```

# Background

The CSS property to change the background color of an element to Hex 9B690E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B690E }
```

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

```
.background{ background-color:#9B690E }
```

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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