

# Converting Colors

Hex(916A0E)

Have a look what the booklet for  
Hex(916A0E) contains.

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**Color**

**Hex(916A0E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	916A0E
RGB	145, 106, 14
RGB Percent	57%, 42%, 5%
CMY	0.4314, 0.5843, 0.9451
CMYK	0.00, 0.27, 0.90, 0.43
HSL	42°, 82%, 31%
HSV	42°, 90%, 57%
XYZ	16.9104, 16.3595, 2.6819
YIQ	107.1730, 52.7760, -20.3440

# Conversions

## Conversions Part 2

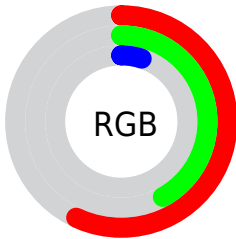
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 145, 14
Decimal	9529870
CIELab	47.44, 7.76, 51.19
CIELCh	47, 51.777, 81.384
Yxy	16.3595, 0.4704, 0.4550
Android (android.graphics.Color)	4287719950 (0xFF916A0E)
YUV	107.1730, -45.9343, 33.1743
Hunter-Lab	40.4469, 3.8466, 24.3815

# Details

The Hex color **916A0E** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0E3591**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **CB9D45**, and **5A3B00** is the 20% darker color. If you saturate the color by 10%, you get **916600**, and if you desaturate by 10%, it is **916E1D**.

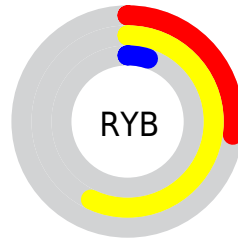
# Distribution



Red (57%)

Green (42%)

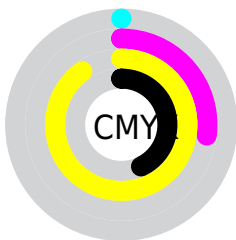
Blue (5%)



Red (27%)

Yellow (57%)

Blue (5%)

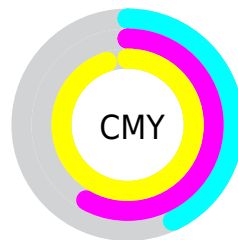


Cyan (0%)

Magenta (27%)

Yellow (90%)

Black (43%)



Cyan (43%)

Magenta (58%)


Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 916A0E 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 916A0E by changing the saturation by 10% instead.



 916A0E

 916A0E

FFFFFF

 755200

 CB9D45

 5A3B00

 E9B85F

 3F2600

 FFD379

 261200

 FFF094


 000000

 FFFF4F

 FFFF4B

 FFFF48

 916A0E

 916A0E

■ 916600

■ 916E1D

■ 91732B

■ 91773A

■ 917B48

■ 918057

■ 918465

■ 918874

■ 918D82

■ 919191

# Harmonies

## Analogous

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



AF582D



916A0E



687813

# Triad

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



916A0E



00858F



9957A8

# Complementary

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



916A0E



0E3591

# 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.



586AC2



916A0E



0082B4

# Square

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



916A0E



008462



0079C7



B9477F

# Rectangle

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



916A0E



467E2A



0079C7



885DB2



# Sweetspot

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



916A0E



BDAE8A



910E35



5E5540



DEDEDE



5E5E5E



# Same Dimension

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



916A0E



BD8500



77910E



474540



875F00



080500



# Inverse Universe

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



0E3591



0038BD



280E91



404247



002887

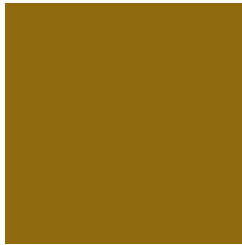


000208



# Previews

## White Background



This preview shows how the Hex color 916A0E looks on a white background.

## Color Contrast Check

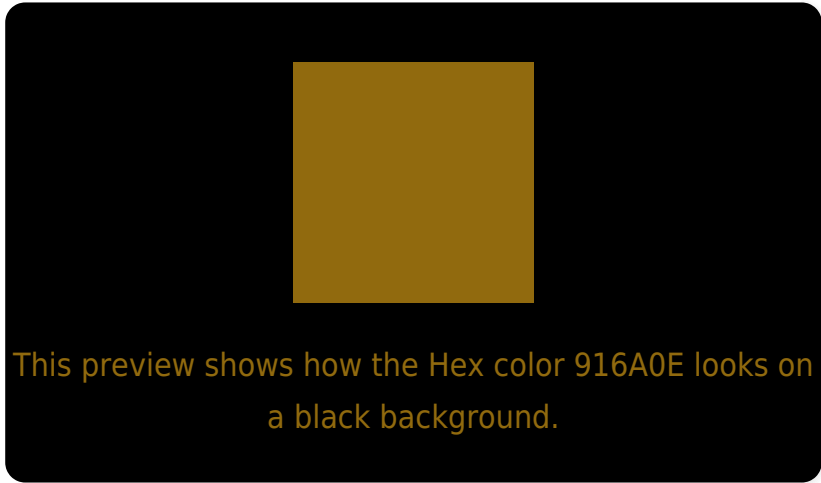
Large Text (above 18pt) WCAG AA ✓ Pass

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 916A0E Background



This preview shows how black text looks on a background with the Hex color 916A0E.



This preview shows how white text looks on a background with the Hex color 916A0E.

# 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**  
916A0E

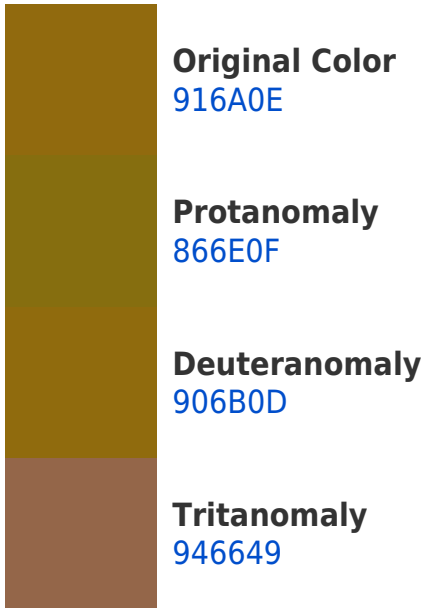
**Protanopia**  
7F7110

**Deuteranopia**  
8F6B0D

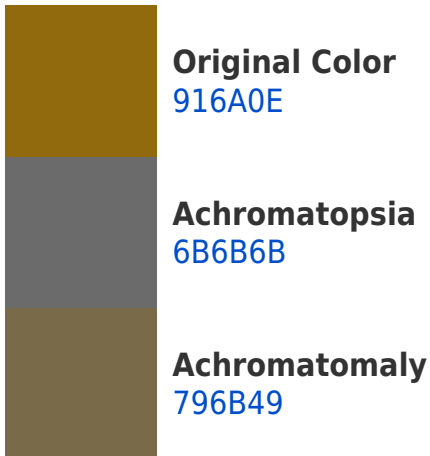


**Tritanopia**  
96636A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 916A0E 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 #916A0E looks like.

```
.text, #text, p{  
    color:#916A0E  
}
```

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 #916A0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #916A0E
}
```

## Border

The CSS property to change the border of an element to Hex 916A0E is called "border". The border property can be set on classes, ids or directly on the HTML element.

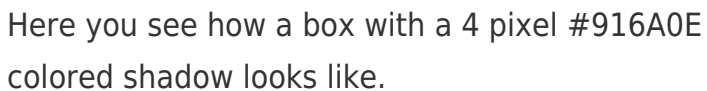
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#916A0E }
```

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

```
.border{ border-color:#916A0E }
```

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



Here you see how a box with a 4 pixel #916A0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #916A0E; -webkit-box-shadow:4px 4px  
4px 4px #916A0E; box-shadow:4px 4px 4px  
4px #916A0E }
```

# Background

The CSS property to change the background color of an element to Hex 916A0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#916A0E }
```

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

```
.background{ background-color:#916A0E }
```

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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