

# Converting Colors

Hex(916D2E)

Have a look what the booklet for  
Hex(916D2E) contains.

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**Color**

**Hex(916D2E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	916D2E
RGB	145, 109, 46
RGB Percent	57%, 43%, 18%
CMY	0.4314, 0.5725, 0.8196
CMYK	0.00, 0.25, 0.68, 0.43
HSL	38°, 52%, 37%
HSV	38°, 68%, 57%
XYZ	17.6388, 17.1543, 4.9662
YIQ	112.5820, 41.6790, -11.9610

# Conversions

## Conversions Part 2

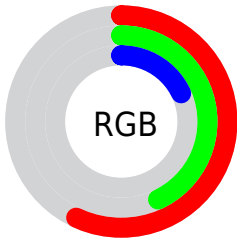
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 145, 46
Decimal	9530670
CIE <sub>Lab</sub>	48.45, 7.38, 39.67
CIE <sub>LCh</sub>	48, 40.350, 79.461
Y <sub>xy</sub>	17.1543, 0.4436, 0.4315
Android (android.graphics.Color)	4287720750 (0xFF916D2E)
YUV	112.5820, -32.8249, 28.4306
Hunter-Lab	41.4177, 3.5379, 21.8832

# Details

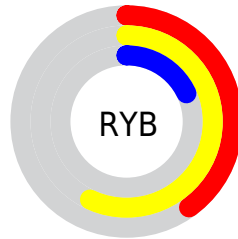
The Hex color **916D2E** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2E5291**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **CAA05F**, and **5B3E00** is the 20% darker color. If you saturate the color by 10%, you get **916820**, and if you desaturate by 10%, it is **91723D**.

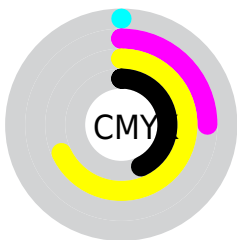
# Distribution



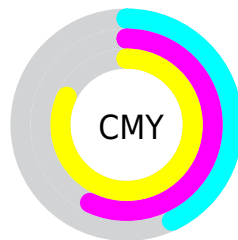
- Red (57%)
- Green (43%)
- Blue (18%)



- Red (40%)
- Yellow (57%)
- Blue (18%)



- Cyan (0%)
- Magenta (25%)
- Yellow (68%)
- Black (43%)




- Cyan (43%)
- Magenta (57%)
- Yellow (82%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 916D2E 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 916D2E by changing the saturation by 10% instead.



 916D2E

 916D2E

FFFFFF

 765516

 CAA05F

 5B3E00

 E7BB78

 412800

 FFD793

 281400

 FFF3AE


 020000

 FFFFC9


 000000

 FFFFEE

 916D2E

 916D2E

 916820

 91723D

■ 916211

■ 91784B

■ 915D03

■ 917D5A

■ 915C00

■ 918268

■ 918777

■ 918D85

■ 919294

■ 9197A2

■ 919CB1

# Harmonies

## Analogous

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



A86040



916D2E



71782F

# Triad

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



916D2E



008489



9161A0

# Complementary

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



916D2E



2E5291

# 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.



616FB3



916D2E



0081A6

# Square

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



916D2E



008365



007AB6



AC5781

# Rectangle

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



916D2E



587D3C



007AB6



8466A8



# Sweetspot

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



916D2E



BDAF97



912E52



5E5648



DEDEDE



5E5E5E



# Same Dimension

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



916D2E



BD8422



84912E



474540



875600



080500



# Inverse Universe

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



2E5291



225ABD



3B2E91



404347



003187



000308



# Previews

## White Background



This preview shows how the Hex color 916D2E looks on a white background.

## Color Contrast Check

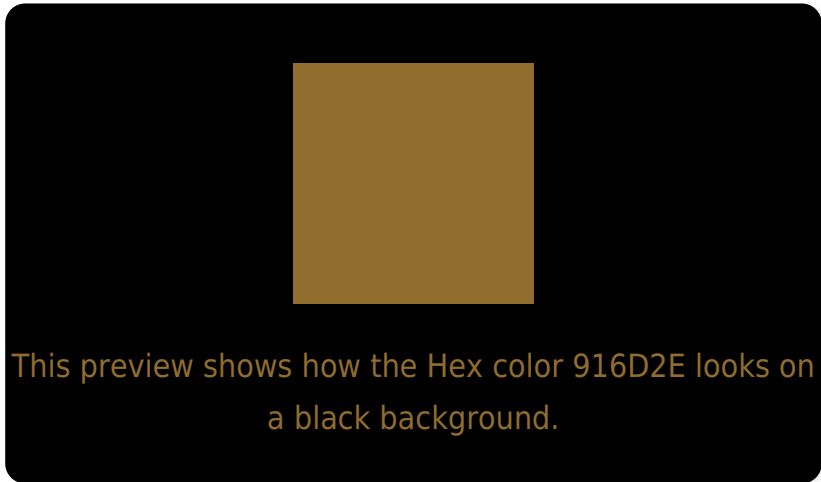
Large Text (above 18pt) WCAG AA ✓ Pass

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 916D2E Background



This preview shows how black text looks on a background with the Hex color 916D2E.



This preview shows how white text looks on a background with the Hex color 916D2E.

# 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**  
916D2E

**Protanopia**  
807430

**Deuteranopia**  
906E2E



**Tritanopia**  
96666E

# Trichromacy



**Original Color**  
916D2E

**Protanomaly**  
86712F

**Deuteranomaly**  
906E2E

**Tritanomaly**  
946957

# Monochromacy



**Original Color**  
916D2E

**Achromatopsia**  
717171

**Achromatomaly**  
7D7059

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 916D2E 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 #916D2E looks like.

```
.text, #text, p{  
    color:#916D2E  
}
```

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 #916D2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #916D2E
}
```

## Border

The CSS property to change the border of an element to Hex 916D2E 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
#916D2E }
```

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

```
.border{ border-color:#916D2E }
```

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

Here you see how a box with a 4 pixel #916D2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #916D2E; -webkit-box-shadow:4px 4px  
4px 4px #916D2E; box-shadow:4px 4px 4px  
4px #916D2E }
```

# Background

The CSS property to change the background color of an element to Hex 916D2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#916D2E }
```

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

```
.background{ background-color:#916D2E }
```

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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