

# Converting Colors

Hex(916D19)

Have a look what the booklet for  
Hex(916D19) contains.

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**Color**

**Hex(916D19)**

# Conversions

## Conversions Part 1

Format	Color
Hex	916D19
RGB	145, 109, 25
RGB Percent	57%, 43%, 10%
CMY	0.4314, 0.5725, 0.9020
CMYK	0.00, 0.25, 0.83, 0.43
HSL	42°, 71%, 33%
HSV	42°, 83%, 57%
XYZ	17.3212, 17.0272, 3.2934
YIQ	110.1880, 48.4200, -18.4920

# Conversions

## Conversions Part 2

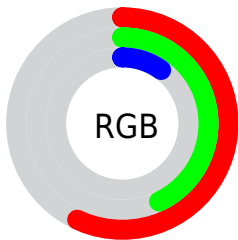
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 145, 25
Decimal	9530649
CIE <sub>Lab</sub>	48.29, 6.35, 48.54
CIE <sub>LCh</sub>	48, 48.951, 82.552
Yxy	17.0272, 0.4602, 0.4523
Android (android.graphics.Color)	4287720729 (0xFF916D19)
YUV	110.1880, -41.9977, 30.5301
Hunter-Lab	41.2640, 2.7158, 24.1528

# Details

The Hex color **916D19** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **193D91**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **CAA04D**, and **5B3E00** is the 20% darker color. If you saturate the color by 10%, you get **91690B**, and if you desaturate by 10%, it is **917127**.

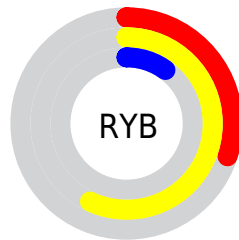
# Distribution



Red (57%)

Green (43%)

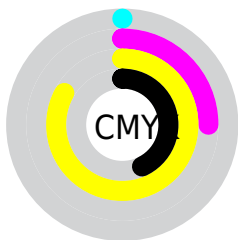
Blue (10%)



Red (30%)

Yellow (57%)

Blue (10%)

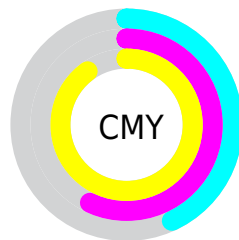


Cyan (0%)

Magenta (25%)

Yellow (83%)

Black (43%)



Cyan (43%)

Magenta (57%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 916D19 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 916D19 by changing the saturation by 10% instead.





916D19



916D19

FFFFFF



755500



CAA04D



5B3E00



E8BB66



402800



FFD780



261400



FFF39B



000000



FFFFB7



FFFFD3



FFFFFF0



916D19



916D19

■ 91690B

■ 917127

■ 916600

■ 917636

■ 917A44

■ 917E53

■ 918361

■ 918770

■ 918B7E

■ 91908D

■ 91949B

# Harmonies

## Analogous

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



AE5D31



916D19



6A7A1E

# Triad

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



916D19



008691



9B5AA5

# Complementary

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



916D19



193D91

# 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.



616CBF



916D19



0083B4

# Square

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



916D19



008667



007AC5



B84D7F

# Rectangle

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



916D19



4A8032



007AC5



8B60B0



# Sweetspot

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



916D19



BDAF8E



91193D



5E5642



DEDEDE



5E5E5E



# Same Dimension

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



916D19



BD8502



799119



474540



875F00



080500



# Inverse Universe

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



193D91



023ABD



311991



404247



002987



000208



# Previews

## White Background



This preview shows how the Hex color 916D19 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 916D19 Background



This preview shows how black text looks on a background with the Hex color 916D19.



This preview shows how white text looks on a background with the Hex color 916D19.

# 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**  
916D19

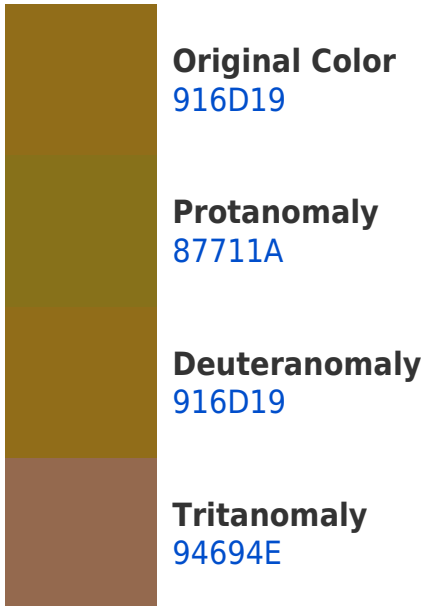
**Protanopia**  
81731B

**Deuteranopia**  
916D19

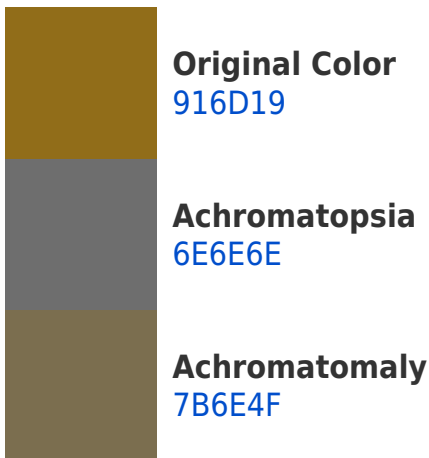


**Tritanopia**  
96666D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 916D19 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 #916D19 looks like.

```
.text, #text, p{  
    color:#916D19  
}
```

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 #916D19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #916D19
}
```

## Border

The CSS property to change the border of an element to Hex 916D19 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
#916D19 }
```

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

```
.border{ border-color:#916D19 }
```

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

Here you see how a box with a 4 pixel #916D19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #916D19; -webkit-box-shadow:4px 4px  
4px 4px #916D19; box-shadow:4px 4px 4px  
4px #916D19 }
```

# Background

The CSS property to change the background color of an element to Hex 916D19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#916D19 }
```

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

```
.background{ background-color:#916D19 }
```

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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