

# Converting Colors

Hex(906341)

Have a look what the booklet for  
Hex(906341) contains.

<b>Hex(906341)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(906341)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	906341
RGB	144, 99, 65
RGB Percent	56%, 39%, 25%
CMY	0.4353, 0.6118, 0.7451
CMYK	0.00, 0.31, 0.55, 0.44
HSL	26°, 38%, 41%
HSV	26°, 55%, 56%
XYZ	16.9176, 15.2346, 7.0500
YIQ	108.5790, 37.7340, -1.0340

# Conversions

## Conversions Part 2

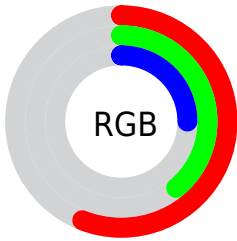
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 125, 65
Decimal	9462593
CIELab	45.95, 14.21, 26.51
CIELCh	46, 30.077, 61.797
Yxy	15.2346, 0.4315, 0.3886
Android (android.graphics.Color)	4287652673 (0xFF906341)
YUV	108.5790, -21.4844, 31.0642
Hunter-Lab	39.0316, 9.0626, 16.6130

# Details

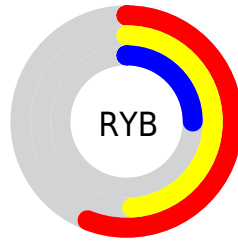
The Hex color **906341** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **416E90**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **C89671**, and **5B3415** is the 20% darker color. If you saturate the color by 10%, you get **905B33**, and if you desaturate by 10%, it is **906B4F**.

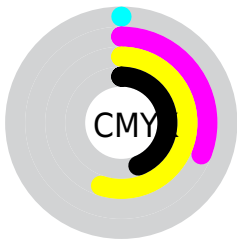
# Distribution



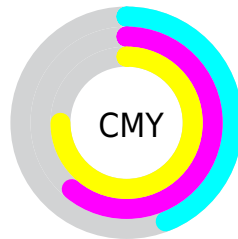
- Red (56%)
- Green (39%)
- Blue (25%)



- Red (56%)
- Yellow (49%)
- Blue (25%)



- Cyan (0%)
- Magenta (31%)
- Yellow (55%)
- Black (44%)



- Cyan (44%)
- Magenta (61%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 906341 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 906341 by changing the saturation by 10% instead.



 906341

 906341

FFFFFF

 754B2A

 C89671

 5B3415

 E5B18B

 421F00

 FFCCA6

 280900

 FFE8C1

 000000

 FFFFDD

 FFFFFA

 906341

 906341

 905B33

 906B4F

■ 905324

■ 90735E

■ 904A16

■ 907C6C

■ 904207

■ 90847B

■ 903E00

■ 908C89

■ 909497

■ 909CA6

■ 90A5B4

■ 90ADC3

# Harmonies

## Analogous

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



9C5B54



906341



7B6C3A

# Triad

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



906341



177A6E



716698

# Complementary

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



906341



416E90

# 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.



496F9F



906341



007987

# Square

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



906341



427854



0B7699



8E5D85

# Rectangle

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



906341



6A713D



0B7699



65699B



# Sweetspot

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



906341



BAA99C



90416F



5E544C



DEDEDE



5E5E5E



# Same Dimension

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



906341



BA743F



908941



474340



873A00



080300



# Inverse Universe

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



416E90



3F85BA



414890



404447



004D87

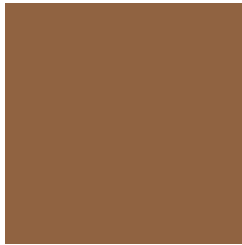


000408



# Previews

## White Background



This preview shows how the Hex color 906341 looks on a white background.

## Color Contrast Check

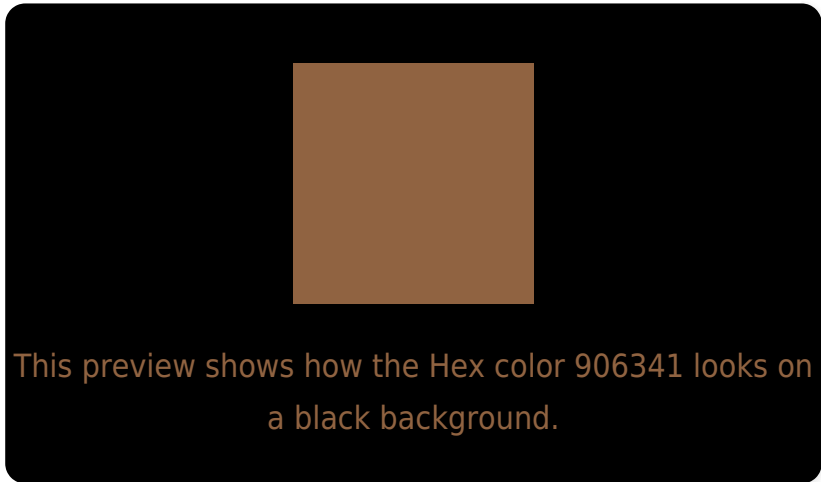
Large Text (above 18pt) WCAG AA ✓ Pass

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 906341 Background



This preview shows how black text looks on a background with the Hex color 906341.



This preview shows how white text looks on a background with the Hex color 906341.

# 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**  
906341

**Protanopia**  
776D45

**Deuteranopia**  
856840



**Tritanopia**  
935E66

# Trichromacy



**Original Color**  
906341

**Protanomaly**  
806944

**Deuteranomaly**  
896640

**Tritanomaly**  
926059

# Monochromacy



**Original Color**  
906341

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
7A695D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 906341 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 #906341 looks like.

```
.text, #text, p{  
    color:#906341  
}
```

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 #906341 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #906341
}
```

## Border

The CSS property to change the border of an element to Hex 906341 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
#906341 }
```

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

```
.border{ border-color:#906341 }
```

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

Here you see how a box with a 4 pixel #906341 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #906341; -webkit-box-shadow:4px 4px  
4px 4px #906341; box-shadow:4px 4px 4px  
4px #906341 }
```

# Background

The CSS property to change the background color of an element to Hex 906341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#906341 }
```

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

```
.background{ background-color:#906341 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor