

# Converting Colors

Hex(906402)

Have a look what the booklet for  
Hex(906402) contains.

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**Color**

**Hex(906402)**

# Conversions

## Conversions Part 1

Format	Color
Hex	906402
RGB	144, 100, 2
RGB Percent	56%, 39%, 1%
CMY	0.4353, 0.6078, 0.9922
CMYK	0.00, 0.31, 0.99, 0.44
HSL	41°, 97%, 29%
HSV	41°, 99%, 56%
XYZ	16.0697, 15.0480, 2.1150
YIQ	101.9840, 57.6820, -21.1500

# Conversions

## Conversions Part 2

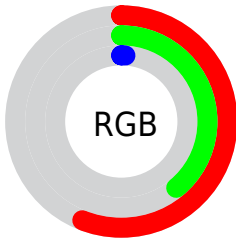
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 144, 2
Decimal	9462786
CIELab	45.70, 10.53, 52.62
CIELCh	46, 53.660, 78.683
Yxy	15.0480, 0.4836, 0.4528
Android (android.graphics.Color)	4287652866 (0xFF906402)
YUV	101.9840, -49.2921, 36.8480
Hunter-Lab	38.7918, 6.0591, 23.9216

# Details

The Hex color **906402** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **022E90**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **CA973E**, and **583600** is the 20% darker color. If you saturate the color by 10%, you get **906300**, and if you desaturate by 10%, it is **906810**.

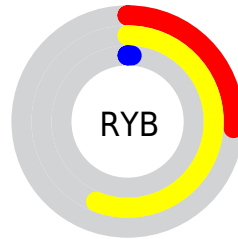
# Distribution



Red (56%)

Green (39%)

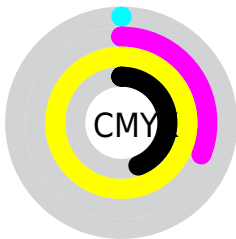
Blue (1%)



Red (26%)

Yellow (56%)

Blue (1%)

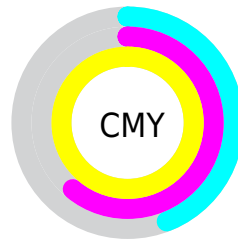


Cyan (0%)

Magenta (31%)

Yellow (99%)

Black (44%)



Cyan (44%)

Magenta (61%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 906402 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 906402 by changing the saturation by 10% instead.



 906402

 906402

FFFFFFD

 744C00

 CA973E

 583600

 E8B157

 3D2000

 FFCD72

 250C00

 FFE98C

 000000

 FFFFA7

 FFFFC3

 FFFFEO

 906402

 906402

■ 906300

■ 906810

■ 906D1F

■ 90712D

■ 90763C

■ 907A4A

■ 907F58

■ 908367

■ 908875

■ 908C84

# Harmonies

## Analogous

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



AE5129



906402



677202

# Triad

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



906402



008188



9153A8

# Complementary

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



906402



022E90

# 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.



4867C2



906402



007EAF

# Square

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



906402



008059



0076C4



B4417F

# Rectangle

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



906402



45791E



0076C4



7E5AB3



# Sweetspot

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



906402



BAA982



90022F



5E543C



DEDEDE



5E5E5E



# Same Dimension

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



906402



BA8000



769002



474540



875D00



080500



# Inverse Universe

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



022E90



003ABA



1C0290



404247



002A87

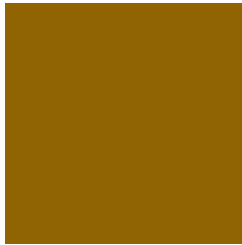


000208



# Previews

## White Background



This preview shows how the Hex color 906402 looks on a white background.

## Color Contrast Check

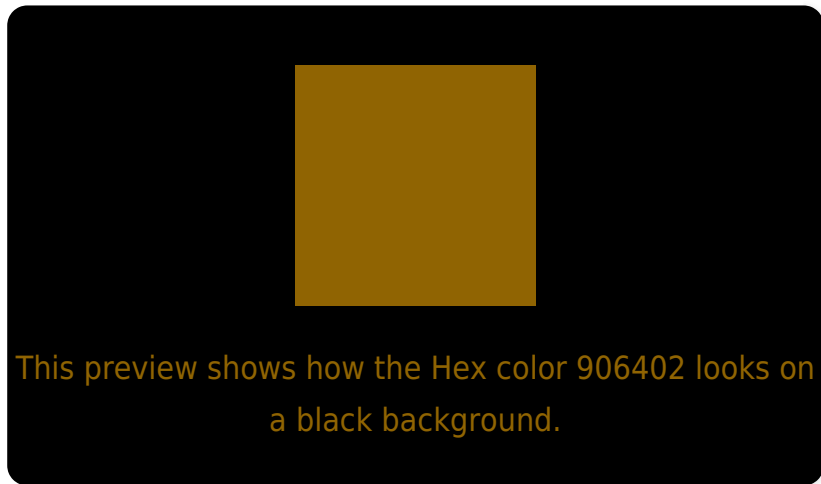
Large Text (above 18pt) WCAG AA ✓ Pass

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 906402 Background



This preview shows how black text looks on a background with the Hex color 906402.



This preview shows how white text looks on a background with the Hex color 906402.

# 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**  
906402

**Protanopia**  
7B6D09

**Deuteranopia**  
896700

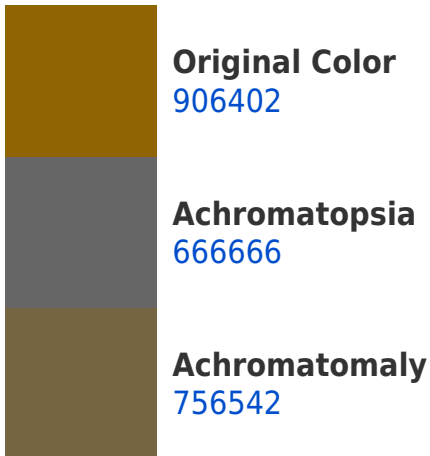


**Tritanopia**  
945D64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 906402 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 #906402 looks like.

```
.text, #text, p{  
    color:#906402  
}
```

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 #906402 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #906402
}
```

## Border

The CSS property to change the border of an element to Hex 906402 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
#906402 }
```

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

```
.border{ border-color:#906402 }
```

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

Here you see how a box with a 4 pixel #906402 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #906402; -webkit-box-shadow:4px 4px  
4px 4px #906402; box-shadow:4px 4px 4px  
4px #906402 }
```

# Background

The CSS property to change the background color of an element to Hex 906402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#906402 }
```

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

```
.background{ background-color:#906402 }
```

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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