

# Converting Colors

Hex(924703)

Have a look what the booklet for  
Hex(924703) contains.

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**Color**

**Hex(924703)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	924703
RGB	146, 71, 3
RGB Percent	57%, 28%, 1%
CMY	0.4275, 0.7216, 0.9882
CMYK	0.00, 0.51, 0.98, 0.43
HSL	29°, 96%, 29%
HSV	29°, 98%, 57%
XYZ	14.1237, 10.6240, 1.3924
YIQ	85.6730, 66.5280, -5.2480

# Conversions

## Conversions Part 2

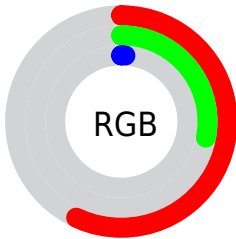
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	146, 133, 3
Decimal	9586435
CIE Lab	38.94, 28.02, 47.95
CIE LCh	39, 55.542, 59.698
Yxy	10.6240, 0.5403, 0.4064
Android (android.graphics.Color)	4287776515 (0xFF924703)
YUV	85.6730, -40.7578, 52.9068
Hunter-Lab	32.5945, 20.3064, 20.2834

# Details

The Hex color **924703** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **034E92**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **CE7939**, and **581800** is the 20% darker color. If you saturate the color by 10%, you get **924500**, and if you desaturate by 10%, it is **924F12**.

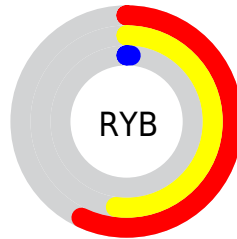
# Distribution



Red (57%)

Green (28%)

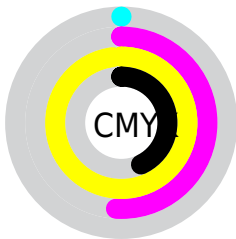
Blue (1%)



Red (57%)

Yellow (52%)

Blue (1%)

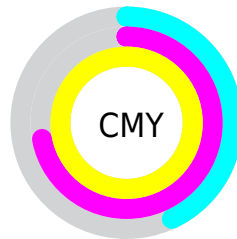


Cyan (0%)

Magenta (51%)

Yellow (98%)

Black (43%)



Cyan (43%)

Magenta (72%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 924703 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 924703 by changing the saturation by 10% instead.



 924703

 924703

 FFFFF4

 752F00

 CE7939

 581800

 EC9351

 3D0100

 FFAE6B

 250001

 FFC985

 000000

 FFE5A0

 FFFFBB

 FFFF7D

 924703

 924703

■ 924500

■ 924F12

■ 925620

■ 925E2F

■ 92663D

■ 926D4C

■ 92755B

■ 927D69

■ 928478

■ 928C86

# Harmonies

## Analogous

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



A73132



924703



705A00

# Triad

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



924703



006F5A



5650AB

# Complementary

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



924703



034E92

# 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.



0062B7



924703



006F87

# Square

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



924703



006C2B



006CAA



90388A

# Rectangle

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



924703



536200



006CAA



3257B2



# Sweetspot

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



924703



BDA086



92034F



5E4D3D



DEDEDE



5E5E5E



# Same Dimension

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



924703



BD5A00



928D03



4A4643



8A4100



0A0500



# Inverse Universe

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



034E92



0063BD



030892



43464A



00488A

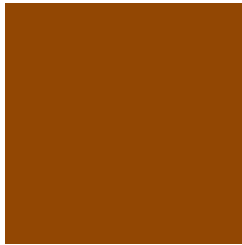


00050A



# Previews

## White Background



This preview shows how the Hex color 924703 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 924703 Background



This preview shows how black text looks on a background with the Hex color 924703.



This preview shows how white text looks on a background with the Hex color 924703.

# 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**  
924703

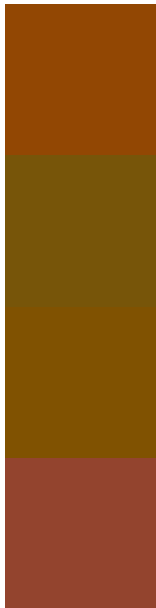
**Protanopia**  
685D0D

**Deuteranopia**  
755800



**Tritanopia**  
944247

# Trichromacy



**Original Color**  
924703

**Protanomaly**  
775509

**Deuteranomaly**  
805201

**Tritanomaly**  
93442E

# Monochromacy



**Original Color**  
924703

**Achromatopsia**  
565656

**Achromatomaly**  
6C5138

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 924703 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 #924703 looks like.

```
.text, #text, p{  
    color:#924703  
}
```

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 #924703 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #924703
}
```

## Border

The CSS property to change the border of an element to Hex 924703 is called "border". The border property can be set on classes, ids or directly on the HTML element.

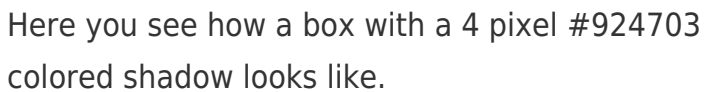
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#924703 }
```

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

```
.border{ border-color:#924703 }
```

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



Here you see how a box with a 4 pixel #924703 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #924703; -webkit-box-shadow:4px 4px  
4px 4px #924703; box-shadow:4px 4px 4px  
4px #924703 }
```

# Background

The CSS property to change the background color of an element to Hex 924703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#924703 }
```

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

```
.background{ background-color:#924703 }
```

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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