

# Converting Colors

Hex(923821)

Have a look what the booklet for  
Hex(923821) contains.

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**Color**

**Hex(923821)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	923821
RGB	146, 56, 33
RGB Percent	57%, 22%, 13%
CMY	0.4275, 0.7804, 0.8706
CMYK	0.00, 0.62, 0.77, 0.43
HSL	12°, 63%, 35%
HSV	12°, 77%, 57%
XYZ	13.5427, 9.0491, 2.4717
YIQ	80.2880, 61.0230, 11.9270

# Conversions

## Conversions Part 2

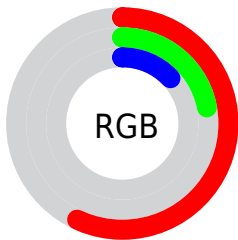
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	146, 62, 33
Decimal	9582625
CIE <sub>Lab</sub>	36.08, 36.67, 33.16
CIE <sub>LCh</sub>	36, 49.444, 42.120
Yxy	9.0491, 0.5403, 0.3610
Android (android.graphics.Color)	4287772705 (0xFF923821)
YUV	80.2880, -23.3130, 57.6294
Hunter-Lab	30.0818, 27.7171, 16.1856

# Details

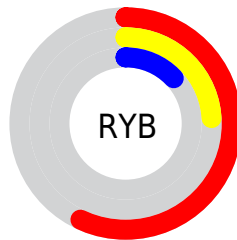
The Hex color **923821** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **217B92**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **CD6A4F**, and **590100** is the 20% darker color. If you saturate the color by 10%, you get **922C12**, and if you desaturate by 10%, it is **924430**.

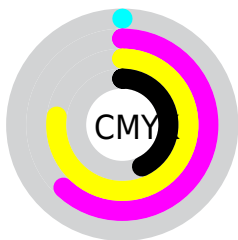
# Distribution



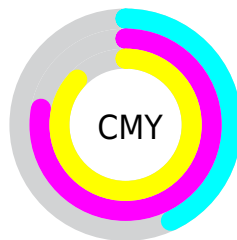
- Red (57%)
- Green (22%)
- Blue (13%)



- Red (57%)
- Yellow (24%)
- Blue (13%)



- Cyan (0%)
- Magenta (62%)
- Yellow (77%)
- Black (43%)



- Cyan (43%)
- Magenta (78%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 923821 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 923821 by changing the saturation by 10% instead.



 923821

 923821

FFFFFF

 751F0B

 CD6A4F

 590100

 EC8567

 3D0000

 FF9F80

 220001

 FFBB9B

 000000

 FFD7B6

 FFF4D1

 FFFFEE

 923821

 923821

■ 922C12

■ 924430

■ 922104

■ 924F3E

■ 921E00

■ 925B4D

■ 92675B

■ 92726A

■ 927E79

■ 928987

■ 929596

■ 92A1A4

# Harmonies

## Analogous

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



9B2A47



923821



7A4A00

# Triad

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



923821



00653B



0454A3

# Complementary

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



923821



217B92

# 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.



0060A1



923821



006764

# Square

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



923821



2A6112



006589



6A4290

# Rectangle

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



923821



645400



006589



0059A5



# Sweetspot

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



923821



BD9A91



92217B



5E4944



DEDEDE



5E5E5E



# Same Dimension

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



923821



BD310D



927021



4A4443



8A1C00



0A0200



# Inverse Universe

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



217B92



0D99BD



214392



43484A



006E8A



00080A



# Previews

## White Background



This preview shows how the Hex color 923821 looks on a white background.

## Color Contrast Check

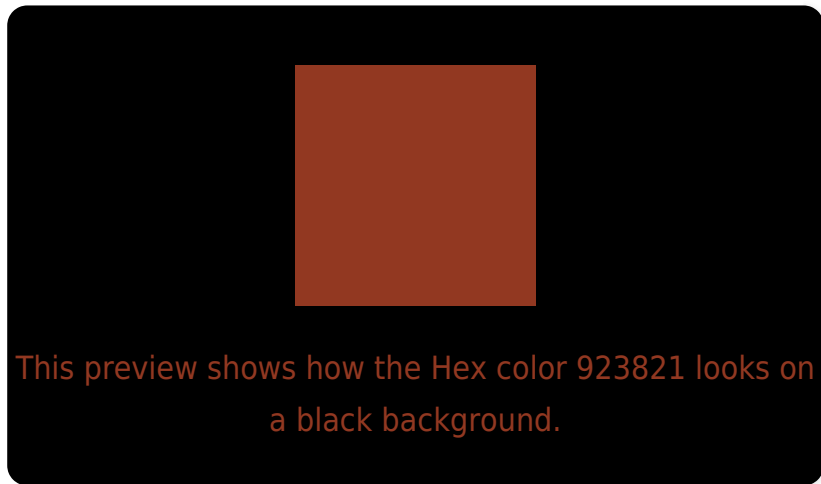
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 923821 Background



This preview shows how black text looks on a background with the Hex color 923821.

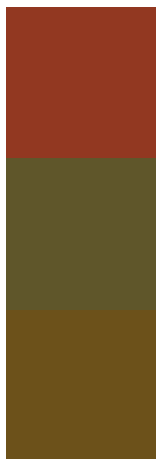


This preview shows how white text looks on a background with the Hex color 923821.

# 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**  
923821

**Protanopia**  
5F562A

**Deuteranopia**  
6C511A



**Tritanopia**  
933538

# Trichromacy



**Original Color**  
923821

**Protanomaly**  
724B27

**Deuteranomaly**  
7A481D

**Tritanomaly**  
933630

# Monochromacy



**Original Color**  
923821

**Achromatopsia**  
505050

**Achromatomaly**  
68473F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 923821 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 #923821 looks like.

```
.text, #text, p{  
    color:#923821  
}
```

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 #923821 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #923821
}
```

## Border

The CSS property to change the border of an element to Hex 923821 is called "border". The border property can be set on classes, ids or directly on the HTML element.

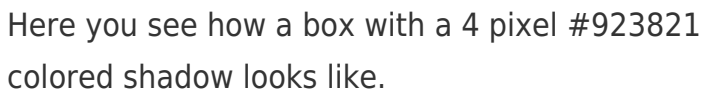
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#923821 }
```

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

```
.border{ border-color:#923821 }
```

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



Here you see how a box with a 4 pixel #923821 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #923821; -webkit-box-shadow:4px 4px  
4px 4px #923821; box-shadow:4px 4px 4px  
4px #923821 }
```

# Background

The CSS property to change the background color of an element to Hex 923821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#923821 }
```

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

```
.background{ background-color:#923821 }
```

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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