

Converting Colors

Hex(922D00)

Have a look what the booklet for
Hex(922D00) contains.

Hex(922D00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(922D00)

Conversions

Conversions Part 1

Format	Color
Hex	922D00
RGB	146, 45, 0
RGB Percent	57%, 18%, 0%
CMY	0.4275, 0.8235, 1.0000
CMYK	0.00, 0.69, 1.00, 0.43
HSL	18°, 100%, 29%
HSV	18°, 100%, 57%
XYZ	12.7924, 7.9878, 0.8676
YIQ	70.0690, 74.6410, 7.4170

Conversions

Conversions Part 2

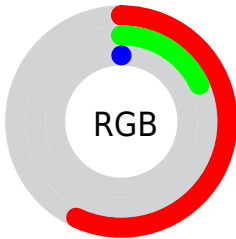
Format	Color
RYB	146, 65, 0
Decimal	9579776
CIELab	33.96, 40.90, 46.14
CIELCh	34, 61.659, 48.442
Yxy	7.9878, 0.5909, 0.3690
Android (android.graphics.Color)	4287769856 (0xFF922D00)
YUV	70.0690, -34.5440, 66.5915
Hunter-Lab	28.2626, 31.3344, 17.9639

Details

The Hex color **922D00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **006592**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **CF6032**, and **570000** is the 20% darker color. If you saturate the color by 10%, you get **922D00**, and if you desaturate by 10%, it is **92370F**.

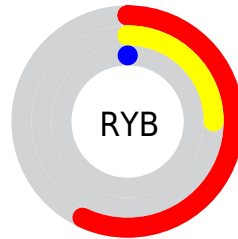
Distribution



Red (57%)

Green (18%)

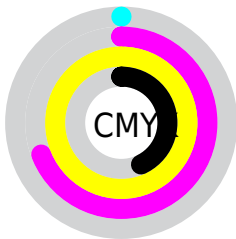
Blue (0%)



Red (57%)

Yellow (25%)

Blue (0%)

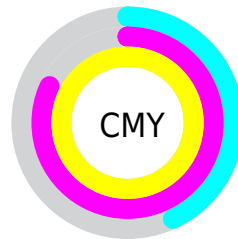


Cyan (0%)

Magenta (69%)

Yellow (100%)

Black (43%)



Cyan (43%)

Magenta (82%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 922D00 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 922D00 by changing the saturation by 10% instead.

 922D00

 922D00

 FFFFEA

 741000

 CF6032

 570000

 EE7B4A

 3B0000

 FF9563

 1C0001

 FFB17C

 000000

 FFCD97

 FFE9B2

 FFFFCE

 922D00

 92370F

 92411D

 924B2C

 92553A

 926049

 926A58

 927466

 927E75

 928883

Harmonies

Analogous

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



A20134



922D00



724700

Triad

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



922D00



00633B



004CAE

Complementary

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



922D00



006592

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.



005CB1



922D00



00646E

Square

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



922D00



005F00



006399



753092

Rectangle

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



922D00



565200



006399



0052B2

Sweetspot

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



922D00



BD9684



920066



5E473C



DEDEDE



5E5E5E

Same Dimension

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



922D00



BD3A00



927500



4A4543



8A2A00



0A0300

Inverse Universe

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



006592



0083BD



001D92



43484A



005F8A



00070A

Previews

White Background



This preview shows how the Hex color 922D00 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

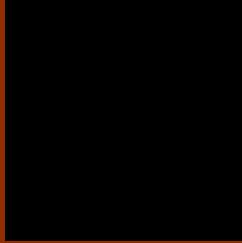
Any Text WCAG AA × Fail

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 922D00 Background



This preview shows how black text looks on a background with the Hex color 922D00.



This preview shows how white text looks on a background with the Hex color 922D00.

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
922D00

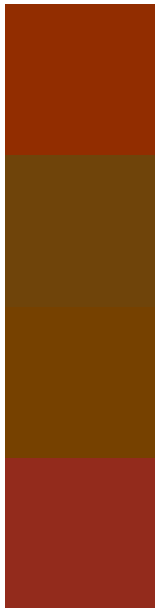
Protanopia
5B5110

Deuteranopia
664D00



Tritanopia
932A2C

Trichromacy



Original Color
922D00

Protanomaly
6F440A

Deuteranomaly
764100

Tritanomaly
932B1C

Monochromacy



Original Color
922D00

Achromatopsia
464646

Achromatomaly
623D2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 922D00 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 #922D00 looks like.

```
.text, #text, p{  
    color:#922D00  
}
```

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 #922D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #922D00
}
```

Border

The CSS property to change the border of an element to Hex 922D00 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".

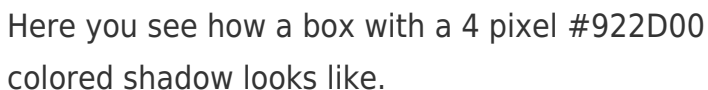
```
.border, #border, table{ border:4px solid
#922D00 }
```

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

```
.border{ border-color:#922D00 }
```

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

Here you see how a box with a 4 pixel #922D00 colored shadow looks like.

A rectangular box with a dark orange border and a dark orange shadow. The shadow is visible on the right and bottom edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #922D00; -webkit-box-shadow:4px 4px  
4px 4px #922D00; box-shadow:4px 4px 4px  
4px #922D00 }
```

Background

The CSS property to change the background color of an element to Hex 922D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#922D00 }
```

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

```
.background{ background-color:#922D00 }
```

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