

Converting Colors

Hex(923302)

Have a look what the booklet for
Hex(923302) contains.

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Color

Hex(923302)

Conversions

Conversions Part 1

Format	Color
Hex	923302
RGB	146, 51, 2
RGB Percent	57%, 20%, 1%
CMY	0.4275, 0.8000, 0.9922
CMYK	0.00, 0.65, 0.99, 0.43
HSL	20°, 97%, 29%
HSV	20°, 99%, 57%
XYZ	13.0488, 8.4830, 1.0071
YIQ	73.8190, 72.3490, 4.9010

Conversions

Conversions Part 2

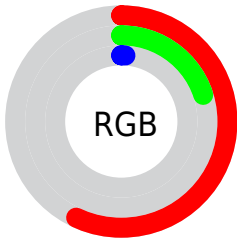
Format	Color
R_{YB}	146, 76, 2
Decimal	9581314
CIE Lab	34.97, 38.24, 45.90
CIE LCh	35, 59.741, 50.198
Yxy	8.4830, 0.5789, 0.3764
Android (android.graphics.Color)	4287771394 (0xFF923302)
YUV	73.8190, -35.4068, 63.3027
Hunter-Lab	29.1256, 29.0016, 18.3379

Details

The Hex color **923302** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **026192**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **CF6634**, and **570000** is the 20% darker color. If you saturate the color by 10%, you get **923200**, and if you desaturate by 10%, it is **923D11**.

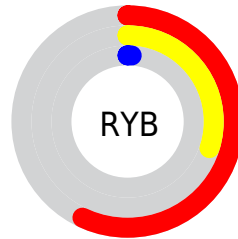
Distribution



Red (57%)

Green (20%)

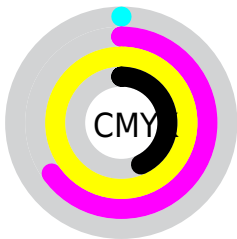
Blue (1%)



Red (57%)

Yellow (30%)

Blue (1%)

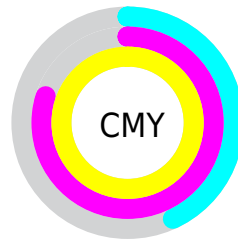


Cyan (0%)

Magenta (65%)

Yellow (99%)

Black (43%)



Cyan (43%)

Magenta (80%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 923302 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 923302 by changing the saturation by 10% instead.

 923302

 923302

 FFFFED

 751900

 CF6634

 570000

 EE804D

 3B0000

 FF9A66

 1E0001

 FFB67F

 000000

 FFD29A

 FFEFB5

 FFFFD1

 923302

 923302

■ 923200

■ 923D11

■ 92461F

■ 92502E

■ 925A3C

■ 92634B

■ 926D5A

■ 927668

■ 928077

■ 928A85

Harmonies

Analogous

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



A31335



923302



724B00

Triad

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



923302



006540



184DAD

Complementary

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



923302



026192

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.



005DB1



923302



006672

Square

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



923302



006208



00649B



7A3290

Rectangle

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



923302



575500



00649B



0053B1

Sweetspot

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



923302



BD9784



920262



5E483C



DEDEDE



5E5E5E

Same Dimension

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



923302



BD4000



927A02



4A4543



8A2F00



0A0300

Inverse Universe

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



026192



007CBD



021A92



43474A



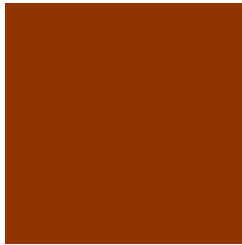
005B8A



00070A

Previews

White Background



This preview shows how the Hex color 923302 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 923302 Background



This preview shows how black text looks on a background with the Hex color 923302.



This preview shows how white text looks on a background with the Hex color 923302.

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
923302

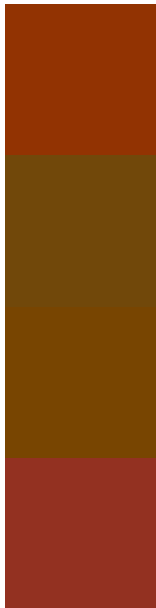
Protanopia
5E540F

Deuteranopia
694F00



Tritanopia
933032

Trichromacy



Original Color
923302

Protanomaly
71480A

Deuteranomaly
784501

Tritanomaly
933121

Monochromacy



Original Color
923302

Achromatopsia
4A4A4A

Achromatomaly
644230

CSS Examples

Text

The CSS property to change the color of the text to Hex 923302 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 #923302 looks like.

```
.text, #text, p{  
    color:#923302  
}
```

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 #923302 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #923302
}
```

Border

The CSS property to change the border of an element to Hex 923302 is called "border". The border property can be set on classes, ids or directly on the HTML element.

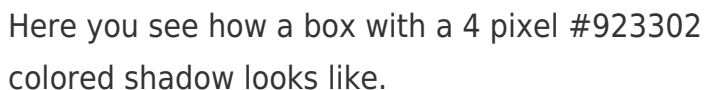
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#923302 }
```

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

```
.border{ border-color:#923302 }
```

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



Here you see how a box with a 4 pixel #923302 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #923302; -webkit-box-shadow:4px 4px  
4px 4px #923302; box-shadow:4px 4px 4px  
4px #923302 }
```

Background

The CSS property to change the background color of an element to Hex 923302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#923302 }
```

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

```
.background{ background-color:#923302 }
```

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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