

Converting Colors

Hex(9B2E02)

Have a look what the booklet for
Hex(9B2E02) contains.

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Color

Hex(9B2E02)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 9B2E02 |
| RGB | 155, 46, 2 |
| RGB Percent | 61%, 18%, 1% |
| CMY | 0.3922, 0.8196, 0.9922 |
| CMYK | 0.00, 0.70, 0.99, 0.39 |
| HSL | 17°, 97%, 31% |
| HSV | 17°, 99%, 61% |
| XYZ | 14.5055, 8.9269, 1.0160 |
| YIQ | 73.5750, 79.0880, 9.4240 |

Conversions

Conversions Part 2

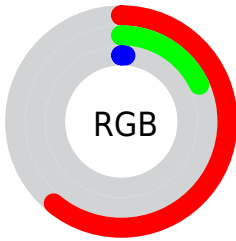
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 155, 64, 2 |
| Decimal | 10169858 |
| CIE Lab | 35.84, 43.74, 47.28 |
| CIE LCh | 36, 64.407, 47.229 |
| Yxy | 8.9269, 0.5933, 0.3651 |
| Android (android.graphics.Color) | 4288359938 (0xFF9B2E02) |
| YUV | 73.5750, -35.2865, 71.4097 |
| Hunter-Lab | 29.8780, 34.3739, 18.8985 |

Details

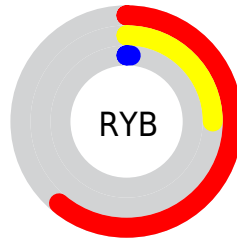
The Hex color **9B2E02** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **026F9B**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **D96234**, and **5F0000** is the 20% darker color. If you saturate the color by 10%, you get **9B2D00**, and if you desaturate by 10%, it is **9B3911**.

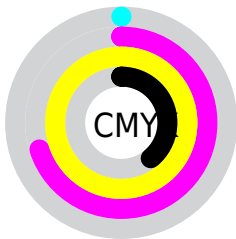
Distribution



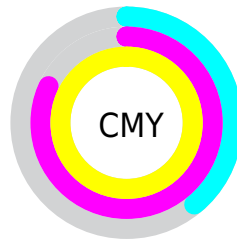
- Red (61%)
- Green (18%)
- Blue (1%)



- Red (61%)
- Yellow (25%)
- Blue (1%)



- Cyan (0%)
- Magenta (70%)
- Yellow (99%)
- Black (39%)



- Cyan (39%)
- Magenta (82%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B2E02 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 9B2E02 by changing the saturation by 10% instead.

 9B2E02

 9B2E02

 FFFFED

 7D1000

 D96234

 5F0000

 F87D4D

 420000

 FF9866

 270001

 FFB37F

 000000

 FFD09A

 FFECB5

 FFFFD1

 9B2E02

 9B2E02

■ 9B2D00

■ 9B3911

■ 9B4421

■ 9B4F30

■ 9B5A40

■ 9B654F

■ 9B705F

■ 9B7B6E

■ 9B867E

■ 9B918D

Harmonies

Analogous

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



AB0039



9B2E02



7A4A00

Triad

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



9B2E02



00683C



0051B8

Complementary

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



9B2E02



026F9B

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.



0061BA



9B2E02



006A72

Square

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



9B2E02



006400



0068A0



79349B

Rectangle

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



9B2E02



5D5600



0068A0



0057BC

Sweetspot

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



9B2E02



C99E8D



9B0270



664C41



E6E6E6



666666

Same Dimension

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



9B2E02



C93A00



9B7A02



4D4745



8C2800



0D0400

Inverse Universe

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



026F9B



0090C9



02239B



454A4D



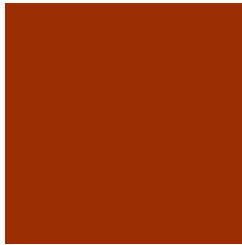
00648C



00090D

Previews

White Background



This preview shows how the Hex color 9B2E02 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 9B2E02 Background



This preview shows how black text looks on a background with the Hex color 9B2E02.



This preview shows how white text looks on a background with the Hex color 9B2E02.

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

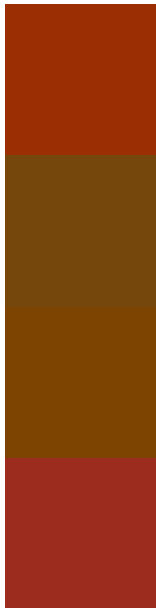


Original Color
9B2E02

Protanopia
605611

Deuteranopia
6C5100

Trichromacy



Original Color
9B2E02

Protanomaly
75470C

Deuteranomaly
7D4401

Tritanomaly
9C2C1D

Monochromacy



Original Color
9B2E02

Achromatopsia
4A4A4A

Achromatomaly
674030

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B2E02 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 #9B2E02 looks like.

```
.text, #text, p{  
    color:#9B2E02  
}
```

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 #9B2E02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B2E02
}
```

Border

The CSS property to change the border of an element to Hex 9B2E02 is called "border". The border property can be set on classes, ids or directly on the HTML element.

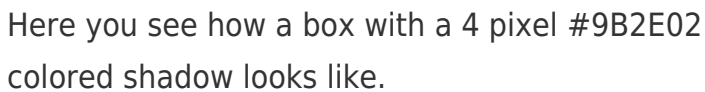
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B2E02 }
```

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

```
.border{ border-color:#9B2E02 }
```

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



Here you see how a box with a 4 pixel #9B2E02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B2E02; -webkit-box-shadow:4px 4px  
4px 4px #9B2E02; box-shadow:4px 4px 4px  
4px #9B2E02 }
```

Background

The CSS property to change the background color of an element to Hex 9B2E02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B2E02 }
```

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

```
.background{ background-color:#9B2E02 }
```

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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