

Converting Colors

Hex(9C2B00)

Have a look what the booklet for
Hex(9C2B00) contains.

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Color

Hex(9C2B00)

Conversions

Conversions Part 1

Format	Color
Hex	9C2B00
RGB	156, 43, 0
RGB Percent	61%, 17%, 0%
CMY	0.3882, 0.8314, 1.0000
CMYK	0.00, 0.72, 1.00, 0.39
HSL	17°, 100%, 31%
HSV	17°, 100%, 61%
XYZ	14.5742, 8.7957, 0.9296
YIQ	71.8850, 81.1510, 10.5830

Conversions

Conversions Part 2

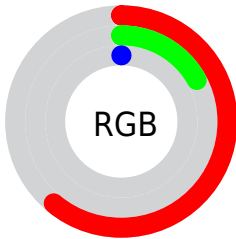
Format	Color
R _Y B	156, 59, 0
Decimal	10234624
CIE Lab	35.59, 45.26, 48.06
CIE LCh	36, 66.017, 46.721
Yxy	8.7957, 0.5998, 0.3620
Android (android.graphics.Color)	4288424704 (0xFF9C2B00)
YUV	71.8850, -35.4393, 73.7689
Hunter-Lab	29.6575, 35.8172, 18.9019

Details

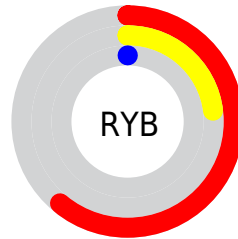
The Hex color **9C2B00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **00719C**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **DA6032**, and **600000** is the 20% darker color. If you saturate the color by 10%, you get **9C2B00**, and if you desaturate by 10%, it is **9C3610**.

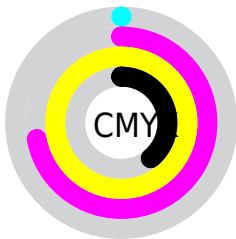
Distribution



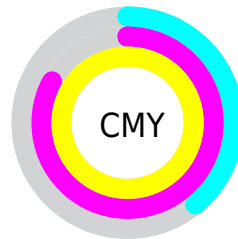
- Red (61%)
- Green (17%)
- Blue (0%)



- Red (61%)
- Yellow (23%)
- Blue (0%)



- Cyan (0%)
- Magenta (72%)
- Yellow (100%)
- Black (39%)



- Cyan (39%)
- Magenta (83%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C2B00 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 9C2B00 by changing the saturation by 10% instead.

 9C2B00

 9C2B00

 FFFFEB

 7E0A00

 DA6032

 600000

 FA7B4B

 430000

 FF9664

 280001

 FFB17D

 000000

 FFCD98

 FFEAB3

 FFFFCE

 9C2B00

 9C3610

 9C421F

 9C4D2F

 9C583E

 9C644E

 9C6F5E

 9C7A6D

 9C857D

 9C918C

Harmonies

Analogous

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



AD0039



9C2B00



7A4900

Triad

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



9C2B00



006839



0051BB

Complementary

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



9C2B00



00719C

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.



0061BC



9C2B00



006971

Square

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



9C2B00



006400



0068A1



78339D

Rectangle

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



9C2B00



5D5600



0068A1



0057BE

Sweetspot

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



9C2B00



CCA08F



9C0072



664B41



E6E6E6



666666

Same Dimension

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



9C2B00



CC3800



9C7800



4F4947



8F2700



0F0400

Inverse Universe

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



00719C



0094CC



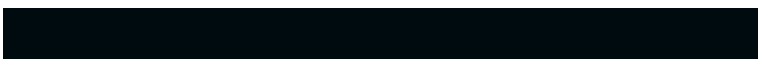
00249C



474D4F



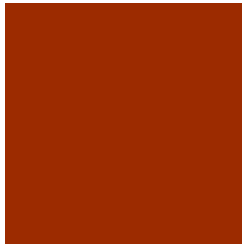
00678F



000B0F

Previews

White Background



This preview shows how the Hex color 9C2B00 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 9C2B00 Background



This preview shows how black text looks on a background with the Hex color 9C2B00.



This preview shows how white text looks on a background with the Hex color 9C2B00.

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
9C2B00

Protanopia
605511

Deuteranopia
6B5100



Tritanopia
9D282A

Trichromacy



Original Color
9C2B00

Protanomaly
76460B

Deuteranomaly
7D4300

Tritanomaly
9D291B

Monochromacy



Original Color
9C2B00

Achromatopsia
484848

Achromatomaly
673D2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C2B00 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 #9C2B00 looks like.

```
.text, #text, p{  
    color:#9C2B00  
}
```

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 #9C2B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C2B00
}
```

Border

The CSS property to change the border of an element to Hex 9C2B00 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
#9C2B00 }
```

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

```
.border{ border-color:#9C2B00 }
```

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

Here you see how a box with a 4 pixel #9C2B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C2B00; -webkit-box-shadow:4px 4px  
4px 4px #9C2B00; box-shadow:4px 4px 4px  
4px #9C2B00 }
```

Background

The CSS property to change the background color of an element to Hex 9C2B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C2B00 }
```

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

```
.background{ background-color:#9C2B00 }
```

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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