

# Converting Colors

Hex(9A2B08)

Have a look what the booklet for  
Hex(9A2B08) contains.

<b>Hex(9A2B08)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(9A2B08)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A2B08
RGB	154, 43, 8
RGB Percent	60%, 17%, 3%
CMY	0.3961, 0.8314, 0.9686
CMYK	0.00, 0.72, 0.95, 0.40
HSL	14°, 90%, 32%
HSV	14°, 95%, 60%
XYZ	14.2341, 8.6153, 1.1424
YIQ	72.1990, 77.3910, 12.6470

# Conversions

## Conversions Part 2

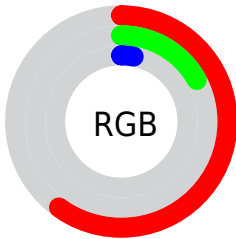
Format	Color
<a href="#">RYB</a>	<a href="#">154, 54, 8</a>
Decimal	<a href="#">10103560</a>
CIELab	<a href="#">35.23, 44.69, 44.55</a>
CIELCh	<a href="#">35, 63.102, 44.908</a>
Yxy	<a href="#">8.6153, 0.5933, 0.3591</a>
Android (android.graphics.Color)	<a href="#">4288293640 (0xFF9A2B08)</a>
YUV	<a href="#">72.1990, -31.6501, 71.7395</a>
Hunter-Lab	<a href="#">29.3518, 35.1976, 18.2386</a>

# Details

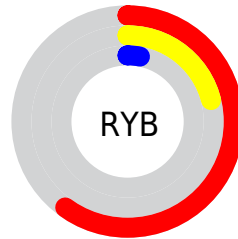
The Hex color **9A2B08** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **08779A**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **D86038**, and **5E0000** is the 20% darker color. If you saturate the color by 10%, you get **9A2500**, and if you desaturate by 10%, it is **9A3717**.

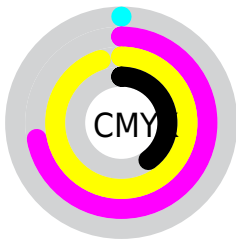
# Distribution



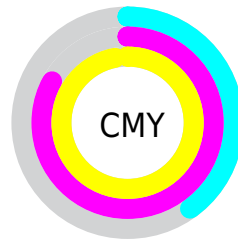
- Red (60%)
- Green (17%)
- Blue (3%)



- Red (60%)
- Yellow (21%)
- Blue (3%)



- Cyan (0%)
- Magenta (72%)
- Yellow (95%)
- Black (40%)



- Cyan (40%)
- Magenta (83%)
- Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A2B08 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 9A2B08 by changing the saturation by 10% instead.



 9A2B08

 9A2B08

 FFFFF1

 7C0A00

 D86038

 5E0000

 F77A51

 410000

 FF9569

 260001

 FFB183

 000000

 FFCD9E

 FFEAB9

 FFFF5D

 9A2B08

 9A2B08

■ 9A2500

■ 9A3717

■ 9A4227

■ 9A4E36

■ 9A5A46

■ 9A6655

■ 9A7164

■ 9A7D74

■ 9A8983

■ 9A9493

# Harmonies

## Analogous

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



A8003C



9A2B08



7B4700

# Triad

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



9A2B08



006637



0051B6

# Complementary

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



9A2B08



08779A

# 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.



0060B5



9A2B08



00686C

# Square

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



9A2B08



006200



00679A



72369B

# Rectangle

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



9A2B08



5F5400



00679A



0057B9



# Sweetspot

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



9A2B08



C99F91



9A0878



664C43



E6E6E6



666666



# Same Dimension

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



9A2B08



C93000



9A7308



4D4745



8C2200



0D0300



# Inverse Universe

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



08779A



0099C9



082F9A



454B4D



006B8C



000A0D



# Previews

## White Background



This preview shows how the Hex color 9A2B08 looks on a white background.

## Color Contrast Check

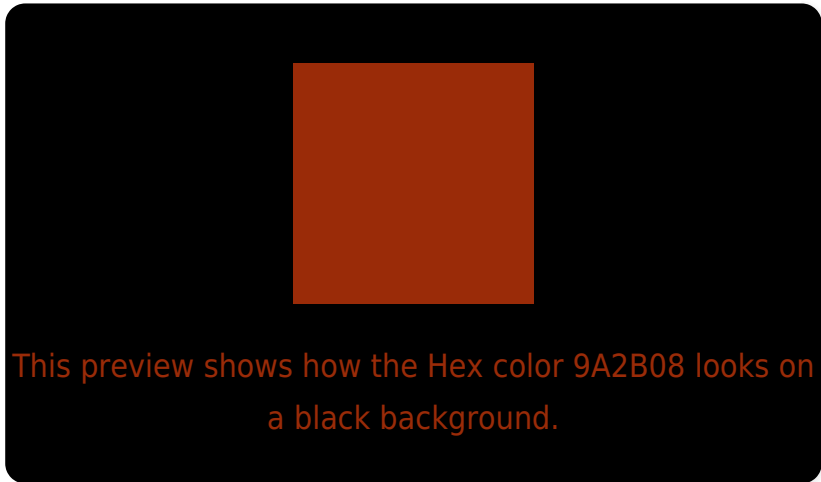
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A2B08 Background



This preview shows how black text looks on a background with the Hex color 9A2B08.



This preview shows how white text looks on a background with the Hex color 9A2B08.

# 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**  
9A2B08

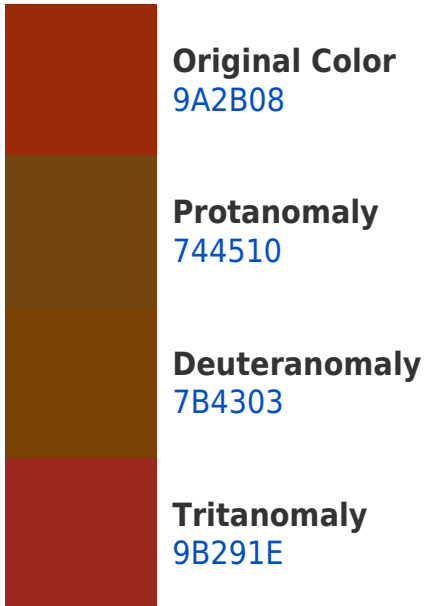
**Protanopia**  
5F5414

**Deuteranopia**  
6A5000

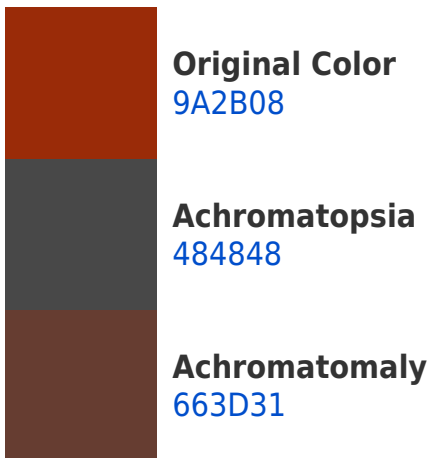


**Tritanopia**  
9B282A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A2B08 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 #9A2B08 looks like.

```
.text, #text, p{  
    color:#9A2B08  
}
```

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 #9A2B08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A2B08
}
```

## Border

The CSS property to change the border of an element to Hex 9A2B08 is called "border". The border property can be set on classes, ids or directly on the HTML element.

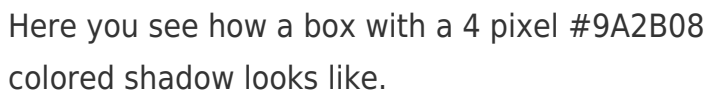
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A2B08 }
```

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

```
.border{ border-color:#9A2B08 }
```

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



Here you see how a box with a 4 pixel #9A2B08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A2B08; -webkit-box-shadow:4px 4px  
4px 4px #9A2B08; box-shadow:4px 4px 4px  
4px #9A2B08 }
```

# Background

The CSS property to change the background color of an element to Hex 9A2B08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A2B08 }
```

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

```
.background{ background-color:#9A2B08 }
```

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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