

# Converting Colors

Hex(9D2323)

Have a look what the booklet for  
Hex(9D2323) contains.

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# Color

**Hex(9D2323)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D2323
RGB	157, 35, 35
RGB Percent	62%, 14%, 14%
CMY	0.3843, 0.8627, 0.8627
CMYK	0.00, 0.78, 0.78, 0.38
HSL	0°, 64%, 38%
HSV	0°, 78%, 62%
XYZ	14.8090, 8.4915, 2.4486
YIQ	71.4780, 72.7120, 25.8640

# Conversions

## Conversions Part 2

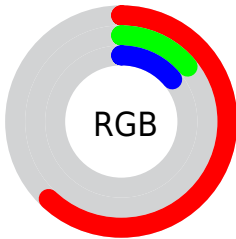
Format	Color
<a href="#">RYB</a>	<a href="#">157, 35, 35</a>
Decimal	<a href="#">10298147</a>
CIELab	<a href="#">34.99, 49.28, 31.45</a>
CIElCh	<a href="#">35, 58.464, 32.549</a>
Yxy	<a href="#">8.4915, 0.5751, 0.3298</a>
Android (android.graphics.Color)	<a href="#">4288488227</a> (0xFF9D2323)
YUV	<a href="#">71.4780, -17.9837, 75.0028</a>
Hunter-Lab	<a href="#">29.1402, 39.7183, 15.4161</a>

# Details

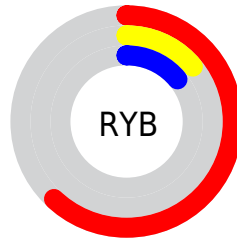
The Hex color **9D2323** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **239D9D**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **DA5B50**, and **620000** is the 20% darker color. If you saturate the color by 10%, you get **9D1313**, and if you desaturate by 10%, it is **9D3333**.

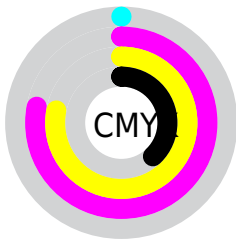
# Distribution



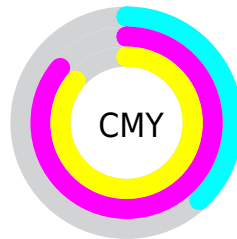
- Red (62%)
- Green (14%)
- Blue (14%)



- Red (62%)
- Yellow (14%)
- Blue (14%)



- Cyan (0%)
- Magenta (78%)
- Yellow (78%)
- Black (38%)



- Cyan (38%)
- Magenta (86%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D2323 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 9D2323 by changing the saturation by 10% instead.



 9D2323

 9D2323

FFFFFF

 7F000E

 DA5B50

 620000

 F97668

 450000

 FF9182

 290001

 FFAD9C

 000000

 FFC9B7

 FFE6D2

 FFFFEF

 9D2323

 9D2323

 9D1313

 9D3333

 9D0404

 9D4242

 9D0000

 9D5252

 9D6262

 9D7272

 9D8181

 9D9191

 9DA1A1

 9DB0B0

# Harmonies

## Analogous

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



A10E50



9D2323



863E00

# Triad

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



9D2323



006324



0057B1

# Complementary

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



9D2323



239D9D

# 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.



0062A5



9D2323



006655

# Square

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



9D2323



315D00



006684



5244A2

# Rectangle

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



9D2323



6F4C00



006684



005CB0



# Sweetspot

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



9D2323



CC9D9D



9D239D



664949



E6E6E6



666666



# Same Dimension

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



9D2323



CC0E0E



9D6023



4F4747



8F0000



0F0000



# Inverse Universe

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



239D9D



0ECCCC



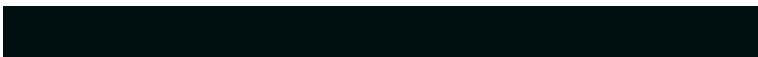
23609D



474F4F



008F8F



000F0F



# Previews

## White Background



This preview shows how the Hex color 9D2323 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 9D2323 Background



This preview shows how black text looks on a background with the Hex color 9D2323.



This preview shows how white text looks on a background with the Hex color 9D2323.

# 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**  
9D2323

**Protanopia**  
5C5431

**Deuteranopia**  
694F1A



**Tritanopia**  
9D2323

# Trichromacy



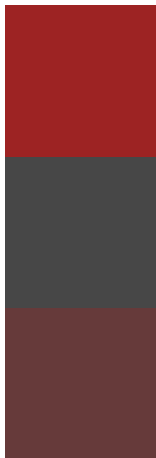
**Original Color**  
9D2323

**Protanomaly**  
74422C

**Deuteranomaly**  
7C3F1D

**Tritanomaly**  
9D2323

# Monochromacy



**Original Color**  
9D2323

**Achromatopsia**  
474747

**Achromatomaly**  
663A3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D2323 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 #9D2323 looks like.

```
.text, #text, p{  
    color:#9D2323  
}
```

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 #9D2323 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D2323
}
```

## Border

The CSS property to change the border of an element to Hex 9D2323 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".

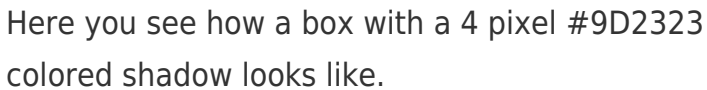
```
.border, #border, table{ border:4px solid
#9D2323 }
```

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

```
.border{ border-color:#9D2323 }
```

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

Here you see how a box with a 4 pixel #9D2323 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D2323; -webkit-box-shadow:4px 4px  
4px 4px #9D2323; box-shadow:4px 4px 4px  
4px #9D2323 }
```

# Background

The CSS property to change the background color of an element to Hex 9D2323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D2323 }
```

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

```
.background{ background-color:#9D2323 }
```

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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