

# Converting Colors

Hex(9D592B)

Have a look what the booklet for  
Hex(9D592B) contains.

<b>Hex(9D592B)</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(9D592B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D592B
RGB	157, 89, 43
RGB Percent	62%, 35%, 17%
CMY	0.3843, 0.6510, 0.8314
CMYK	0.00, 0.43, 0.73, 0.38
HSL	24°, 57%, 39%
HSV	24°, 73%, 62%
XYZ	17.9131, 14.4873, 4.1377
YIQ	104.0880, 55.2940, 0.1100

# Conversions

## Conversions Part 2

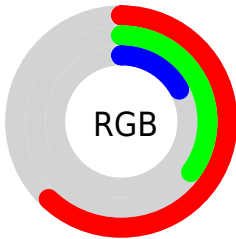
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	157, 120, 43
Decimal	10311979
CIE <sub>Lab</sub>	44.92, 24.07, 37.80
CIE <sub>LCh</sub>	45, 44.812, 57.517
Yxy	14.4873, 0.4903, 0.3965
Android (android.graphics.Color)	4288502059 (0xFF9D592B)
YUV	104.0880, -30.1164, 46.4038
Hunter-Lab	38.0622, 17.3980, 20.1981

# Details

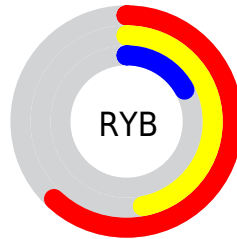
The Hex color **9D592B** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2B6F9D**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **D88C5B**, and **652A00** is the 20% darker color. If you saturate the color by 10%, you get **9D501B**, and if you desaturate by 10%, it is **9D623B**.

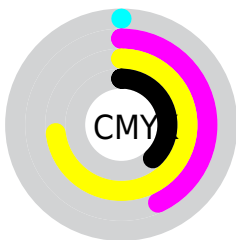
# Distribution



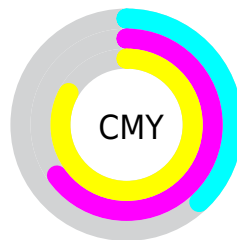
- Red (62%)
- Green (35%)
- Blue (17%)



- Red (62%)
- Yellow (47%)
- Blue (17%)



- Cyan (0%)
- Magenta (43%)
- Yellow (73%)
- Black (38%)



- Cyan (38%)
- Magenta (65%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D592B 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 9D592B by changing the saturation by 10% instead.





9D592B



9D592B

FFFFFF



804114



D88C5B



652A00



F6A674



491400



FFC28E



2F0000



FFDEA9



060000



FFFAC4



000000



FFFFE0



FFFFFD



9D592B



9D592B

 9D501B

 9D623B

 9D460C

 9D6C4A

 9D3F00

 9D755A

 9D7E6A

 9D887A

 9D9189

 9D9B99

 9DA4A9

 9DADB8

# Harmonies

## Analogous

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



AD4C4A



9D592B



816719

# Triad

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



9D592B



007C66



6662AD

# Complementary

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



9D592B



2B6F9D

# 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.



006FB5



9D592B



007C8C

# Square

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



9D592B



287940



0078A9



955293

# Rectangle

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



9D592B



696F1C



0078A9



4E67B2



# Sweetspot

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



9D592B



CCB19F



9D2B6F



66564B



E6E6E6



666666



# Same Dimension

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



9D592B



CC621B



9D922B



4F4A47



8F3A00



0F0600



# Inverse Universe

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



2B6F9D



1B84CC



2B369D



474C4F



00558F



00090F



# Previews

## White Background



This preview shows how the Hex color 9D592B looks on a white background.

## Color Contrast Check

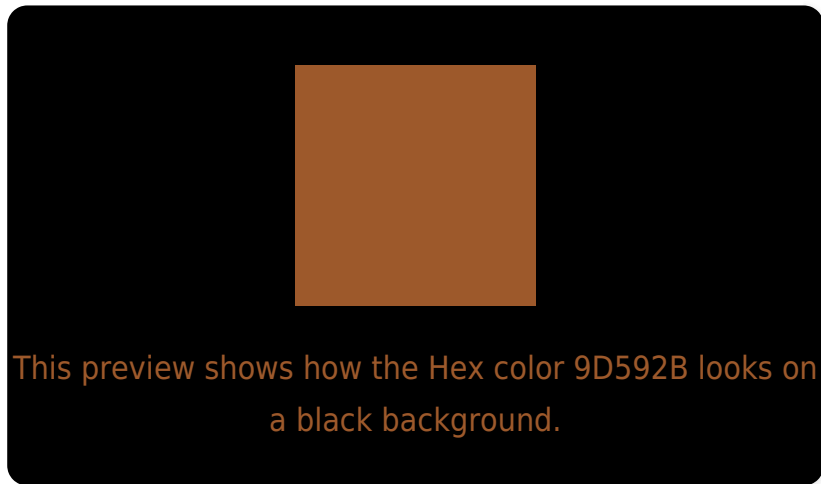
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 9D592B Background



This preview shows how black text looks on a background with the Hex color 9D592B.



This preview shows how white text looks on a background with the Hex color 9D592B.

# 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**  
9D592B

**Protanopia**  
776B30

**Deuteranopia**  
856628



**Tritanopia**  
A0545A

# Trichromacy



**Original Color**  
9D592B

**Protanomaly**  
85642E

**Deuteranomaly**  
8E6129

**Tritanomaly**  
9F5649

# Monochromacy



**Original Color**  
9D592B

**Achromatopsia**  
686868

**Achromatomaly**  
7B6352

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D592B 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 #9D592B looks like.

```
.text, #text, p{  
    color:#9D592B  
}
```

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 #9D592B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D592B
}
```

## Border

The CSS property to change the border of an element to Hex 9D592B 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
#9D592B }
```

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

```
.border{ border-color:#9D592B }
```

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

Here you see how a box with a 4 pixel #9D592B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D592B; -webkit-box-shadow:4px 4px  
4px 4px #9D592B; box-shadow:4px 4px 4px  
4px #9D592B }
```

# Background

The CSS property to change the background color of an element to Hex 9D592B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D592B }
```

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

```
.background{ background-color:#9D592B }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor