

Converting Colors

Hex(9D2833)

Have a look what the booklet for
Hex(9D2833) contains.

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Color

Hex(9D2833)

Conversions

Conversions Part 1

Format	Color
Hex	9D2833
RGB	157, 40, 51
RGB Percent	62%, 16%, 20%
CMY	0.3843, 0.8431, 0.8000
CMYK	0.00, 0.75, 0.68, 0.38
HSL	354°, 59%, 39%
HSV	354°, 75%, 62%
XYZ	15.2610, 8.9247, 4.0503
YIQ	76.2370, 66.2010, 28.2250

Conversions

Conversions Part 2

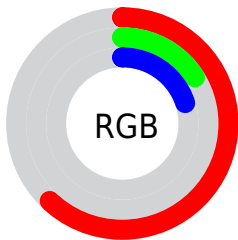
Format	Color
RYB	157, 40, 51
Decimal	10299443
CIELab	35.84, 48.32, 22.61
CIElCh	36, 53.346, 25.082
Yxy	8.9247, 0.5405, 0.3161
Android (android.graphics.Color)	4288489523 (0xFF9D2833)
YUV	76.2370, -12.4418, 70.8292
Hunter-Lab	29.8742, 38.9051, 12.8736

Details

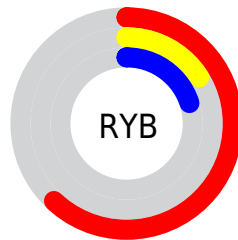
The Hex color **9D2833** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **289D92**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **D95F61**, and **630006** is the 20% darker color. If you saturate the color by 10%, you get **9D1825**, and if you desaturate by 10%, it is **9D3841**.

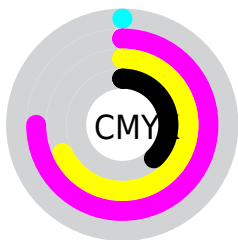
Distribution



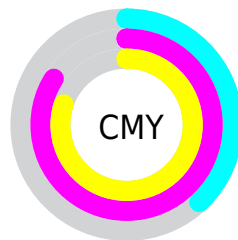
- Red (62%)
- Green (16%)
- Blue (20%)



- Red (62%)
- Yellow (16%)
- Blue (20%)



- Cyan (0%)
- Magenta (75%)
- Yellow (68%)
- Black (38%)



- Cyan (38%)
- Magenta (84%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D2833 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 9D2833 by changing the saturation by 10% instead.

 9D2833

 9D2833

FFFFFF

 80021E

 D95F61

 630006

 F8797A

 460000

 FF9594

 2B0001

 FFB1AE

 000000

 FFCDC A

 FFEAE6

 9D2833

 9D2833

 9D1825

 9D3841

 9D0917

 9D474F

 9D000F

 9D575E

 9D676C

 9D777A

 9D8688

 9D9697

 9DA6A5

 9DB5B3

Harmonies

Analogous

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



9B225D



9D2833



8B3D08

Triad

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



9D2833



00631F



005CAA

Complementary

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



9D2833



289D92

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.



00649A



9D2833



00674C

Square

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



9D2833



445C00



006777



414CA2

Rectangle

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



9D2833



784A00



006777



005FA7

Sweetspot

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



9D2833



CC9FA3



91289D



664B4E



E6E6E6



666666

Same Dimension

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



9D2833



CC1628



9D5728



4F4748



8F000D



0F0001

Inverse Universe

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



9D2833



CC1628



286E9D



4F4748



8F000D



0F0001

Previews

White Background



This preview shows how the Hex color 9D2833 looks on a white background.

Color Contrast Check

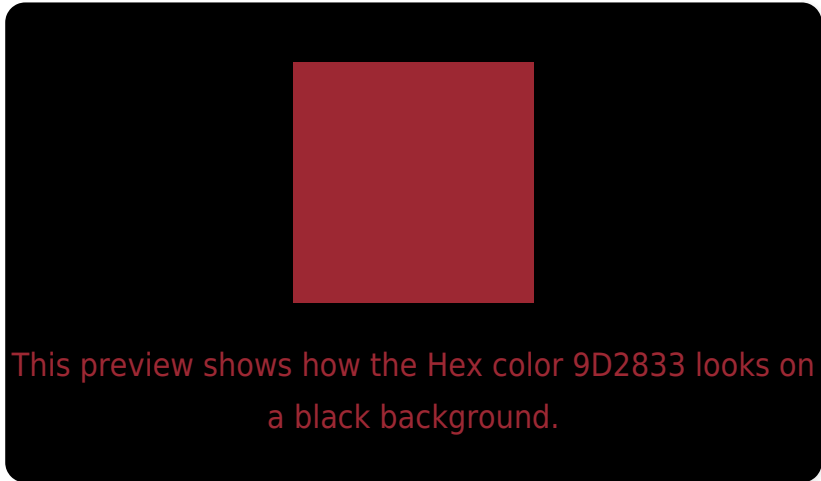
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D2833 Background



This preview shows how black text looks on a background with the Hex color 9D2833.

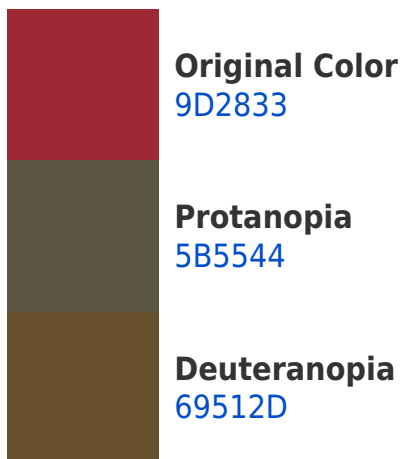


This preview shows how white text looks on a background with the Hex color 9D2833.

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





Tritanopia
9D292B

Trichromacy



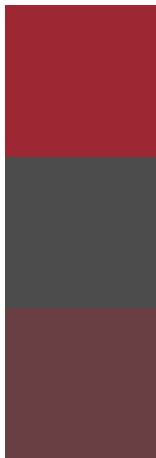
Original Color
9D2833

Protanomaly
73453E

Deuteranomaly
7C422F

Tritanomaly
9D292E

Monochromacy



Original Color
9D2833

Achromatopsia
4C4C4C

Achromatomaly
693F43

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D2833 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 #9D2833 looks like.

```
.text, #text, p{  
    color:#9D2833  
}
```

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 #9D2833 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D2833
}
```

Border

The CSS property to change the border of an element to Hex 9D2833 is called "border". The border property can be set on classes, ids or directly on the HTML element.

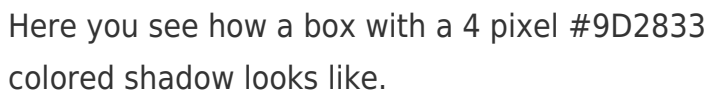
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D2833 }
```

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

```
.border{ border-color:#9D2833 }
```

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



Here you see how a box with a 4 pixel #9D2833 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D2833; -webkit-box-shadow:4px 4px  
4px 4px #9D2833; box-shadow:4px 4px 4px  
4px #9D2833 }
```

Background

The CSS property to change the background color of an element to Hex 9D2833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D2833 }
```

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

```
.background{ background-color:#9D2833 }
```

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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