

Converting Colors

Hex(9D2813)

Have a look what the booklet for
Hex(9D2813) contains.

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Color

Hex(9D2813)

Conversions

Conversions Part 1

Format	Color
Hex	9D2813
RGB	157, 40, 19
RGB Percent	62%, 16%, 7%
CMY	0.3843, 0.8431, 0.9255
CMYK	0.00, 0.75, 0.88, 0.38
HSL	9°, 78%, 35%
HSV	9°, 88%, 62%
XYZ	14.7810, 8.7327, 1.5226
YIQ	72.5890, 76.4730, 18.2730

Conversions

Conversions Part 2

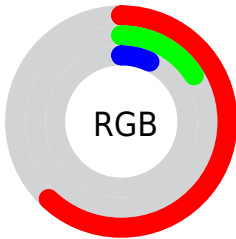
Format	Color
R _Y B	157, 44, 19
Decimal	10299411
CIE Lab	35.46, 47.05, 40.55
CIE LCh	35, 62.111, 40.754
Yxy	8.7327, 0.5904, 0.3488
Android (android.graphics.Color)	4288489491 (0xFF9D2813)
YUV	72.5890, -26.4194, 74.0284
Hunter-Lab	29.5511, 37.5681, 17.6309

Details

The Hex color **9D2813** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **13889D**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **DB5E41**, and **610000** is the 20% darker color. If you saturate the color by 10%, you get **9D1B03**, and if you desaturate by 10%, it is **9D3523**.

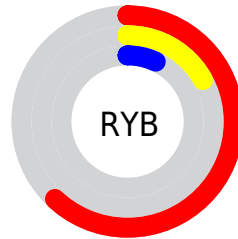
Distribution



Red (62%)

Green (16%)

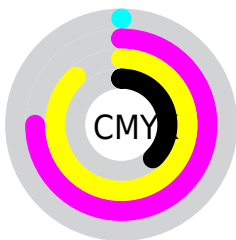
Blue (7%)



Red (62%)

Yellow (17%)

Blue (7%)

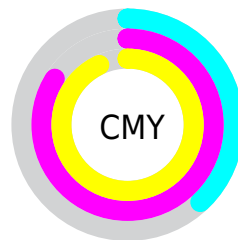


Cyan (0%)

Magenta (75%)

Yellow (88%)

Black (38%)



Cyan (38%)

Magenta (84%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D2813 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 9D2813 by changing the saturation by 10% instead.

 9D2813

 9D2813

 FFFFFA

 7F0300

 DB5E41

 610000

 FA7959

 440000

 FF9472

 290001

 FFB08C

 000000

 FFCCA6

 FFE9C2

 FFFFDE

 9D2813

 9D2813

■ 9D1B03

■ 9D3523

■ 9D1800

■ 9D4332

■ 9D5042

■ 9D5D52

■ 9D6B62

■ 9D7871

■ 9D8581

■ 9D9291

■ 9DA0A0

Harmonies

Analogous

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



A80044



9D2813



804500

Triad

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



9D2813



006630



0054B7

Complementary

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



9D2813



13889D

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.



0062B2



9D2813



006865

Square

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



9D2813



156100



006794



693CA0

Rectangle

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



9D2813



665200



006794



005AB8

Sweetspot

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



9D2813



CC9F97



9D1388



664B46



E6E6E6



666666

Same Dimension

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



9D2813



CC1F00



9D6D13



4F4847



8F1600



0F0200

Inverse Universe

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



13889D



00ADCC



13439D



474E4F



00798F



000D0F

Previews

White Background



This preview shows how the Hex color 9D2813 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 9D2813 Background



This preview shows how black text looks on a background with the Hex color 9D2813.



This preview shows how white text looks on a background with the Hex color 9D2813.

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

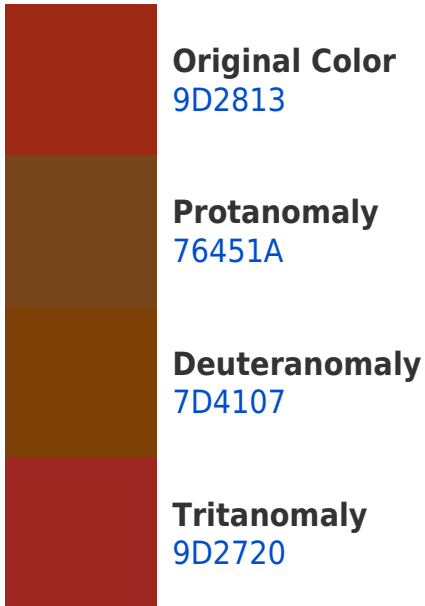


Original Color
9D2813

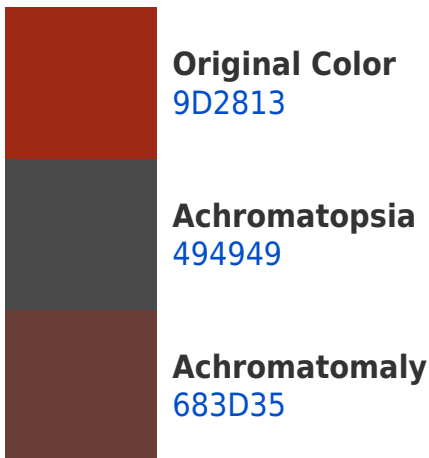
Protanopia
5F551E

Deuteranopia
6B5000

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9D2813 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 #9D2813 looks like.

```
.text, #text, p{  
    color:#9D2813  
}
```

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 #9D2813 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D2813
}
```

Border

The CSS property to change the border of an element to Hex 9D2813 is called "border". The border property can be set on classes, ids or directly on the HTML element.

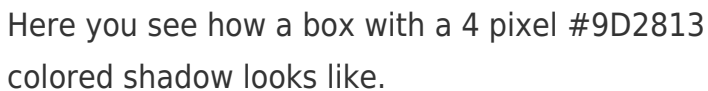
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D2813 }
```

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

```
.border{ border-color:#9D2813 }
```

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



Here you see how a box with a 4 pixel #9D2813 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D2813; -webkit-box-shadow:4px 4px  
4px 4px #9D2813; box-shadow:4px 4px 4px  
4px #9D2813 }
```

Background

The CSS property to change the background color of an element to Hex 9D2813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D2813 }
```

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

```
.background{ background-color:#9D2813 }
```

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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