

Converting Colors

Hex(9E2800)

Have a look what the booklet for
Hex(9E2800) contains.

Hex(9E2800)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9E2800)

Conversions

Conversions Part 1

Format	Color
Hex	9E2800
RGB	158, 40, 0
RGB Percent	62%, 16%, 0%
CMY	0.3804, 0.8431, 1.0000
CMYK	0.00, 0.75, 1.00, 0.38
HSL	15°, 100%, 31%
HSV	15°, 100%, 62%
XYZ	14.8593, 8.7867, 0.9128
YIQ	70.7220, 83.1680, 12.5760

Conversions

Conversions Part 2

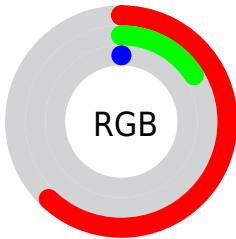
Format	Color
R_{YB}	158, 54, 0
Decimal	10364928
CIE _{Lab}	35.57, 47.07, 48.27
CIE _{LCh}	36, 67.421, 45.723
Yxy	8.7867, 0.6051, 0.3578
Android (android.graphics.Color)	4288555008 (0xFF9E2800)
YUV	70.7220, -34.8659, 76.5428
Hunter-Lab	29.6423, 37.6058, 18.9238

Details

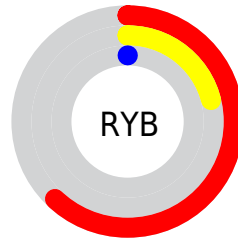
The Hex color **9E2800** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **00769E**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **DC5E32**, and **610000** is the 20% darker color. If you saturate the color by 10%, you get **9E2800**, and if you desaturate by 10%, it is **9E3410**.

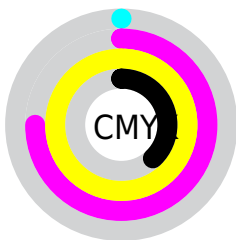
Distribution



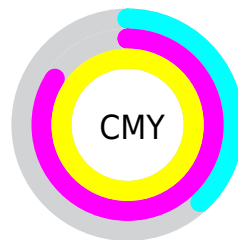
- Red (62%)
- Green (16%)
- Blue (0%)



- Red (62%)
- Yellow (21%)
- Blue (0%)



- Cyan (0%)
- Magenta (75%)
- Yellow (100%)
- Black (38%)



- Cyan (38%)
- Magenta (84%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E2800 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 9E2800 by changing the saturation by 10% instead.

 9E2800

 9E2800

 FFFFEB

 800300

 DC5E32

 610000

 FC794A

 440000

 FF9463

 290001

 FFAF7D

 000000

 FFCC97

 FFE8B3

 FFFFCE

 9E2800

 9E3410

 9E4020

 9E4B2F

 9E573F

 9E634F

 9E6F5F

 9E7B6F

 9E867E

 9E928E

Harmonies

Analogous

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



AE003A



9E2800



7C4800

Triad

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



9E2800



006837



0051BD

Complementary

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



9E2800



00769E

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.



0062BE



9E2800



006A70

Square

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



9E2800



006400



0068A1



7633A0

Rectangle

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



9E2800



5E5500



0068A1



0058C1

Sweetspot

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



9E2800



CFA091



9E0077



694C43



E8E8E8



696969

Same Dimension

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



9E2800



CF3400



9E7700



4F4947



8F2400



0F0400

Inverse Universe

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



00769E



009ACF



00289E



474D4F



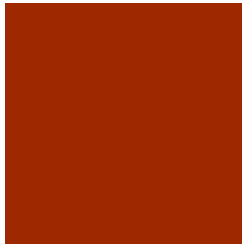
006B8F



000B0F

Previews

White Background



This preview shows how the Hex color 9E2800 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 9E2800 Background



This preview shows how black text looks on a background with the Hex color 9E2800.



This preview shows how white text looks on a background with the Hex color 9E2800.

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
9E2800

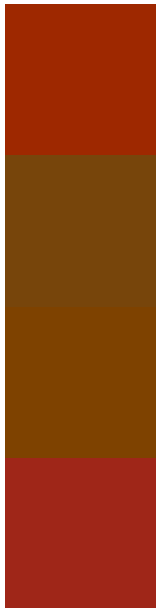
Protanopia
605512

Deuteranopia
6B5100



Tritanopia
9F2526

Trichromacy



Original Color
9E2800

Protanomaly
77450B

Deuteranomaly
7E4200

Tritanomaly
9F2618

Monochromacy



Original Color
9E2800

Achromatopsia
474747

Achromatomaly
673C2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E2800 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 #9E2800 looks like.

```
.text, #text, p{  
    color:#9E2800  
}
```

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 #9E2800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E2800
}
```

Border

The CSS property to change the border of an element to Hex 9E2800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

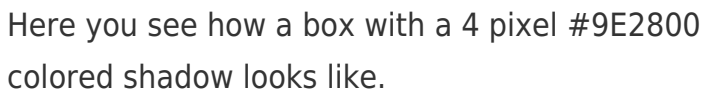
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E2800 }
```

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

```
.border{ border-color:#9E2800 }
```

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



Here you see how a box with a 4 pixel #9E2800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E2800; -webkit-box-shadow:4px 4px  
4px 4px #9E2800; box-shadow:4px 4px 4px  
4px #9E2800 }
```

Background

The CSS property to change the background color of an element to Hex 9E2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E2800 }
```

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

```
.background{ background-color:#9E2800 }
```

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