

# Converting Colors

Hex(8D2800)

Have a look what the booklet for  
Hex(8D2800) contains.

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**Color**

**Hex(8D2800)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8D2800
RGB	141, 40, 0
RGB Percent	55%, 16%, 0%
CMY	0.4471, 0.8431, 1.0000
CMYK	0.00, 0.72, 1.00, 0.45
HSL	17°, 100%, 28%
HSV	17°, 100%, 55%
XYZ	11.7433, 7.1803, 0.7670
YIQ	65.6390, 73.0360, 8.9720

# Conversions

## Conversions Part 2

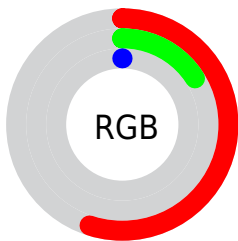
Format	Color
R <sub>Y</sub> B	141, 56, 0
Decimal	9250816
CIE Lab	32.21, 41.21, 44.57
CIE LCh	32, 60.704, 47.242
Yxy	7.1803, 0.5964, 0.3647
Android (android.graphics.Color)	4287440896 (0xFF8D2800)
YUV	65.6390, -32.3600, 66.0916
Hunter-Lab	26.7961, 31.3339, 17.0602

# Details

The Hex color **8D2800** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **00658D**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **CA5C31**, and **520000** is the 20% darker color. If you saturate the color by 10%, you get **8D2800**, and if you desaturate by 10%, it is **8D320E**.

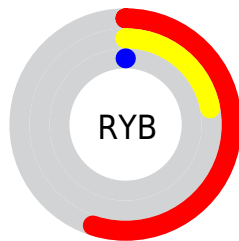
# Distribution



Red (55%)

Green (16%)

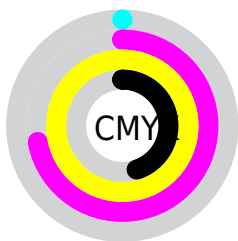
Blue (0%)



Red (55%)

Yellow (22%)

Blue (0%)

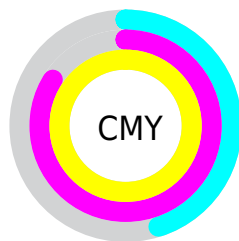


Cyan (0%)

Magenta (72%)

Yellow (100%)

Black (45%)



Cyan (45%)

Magenta (84%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D2800 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 8D2800 by changing the saturation by 10% instead.



 8D2800

 8D2800

 FFFFE8

 6F0900

 CA5C31

 520000

 E97649

 370001

 FF9061

 120000

 FFAC7B

 000000

 FFC895

 FFE4B0

 FFFFCC

 8D2800

 8D320E

 8D3C1C

 8D462A

 8D5038

 8D5B47

 8D6555

 8D6F63

 8D7971

 8D837F

# Harmonies

## Analogous

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



9C0033



8D2800



6E4200

# Triad

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



8D2800



005E35



0049A9

# Complementary

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



8D2800



00658D

# 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.



0058AA



8D2800



006067

# Square

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



8D2800



005A00



005E92



6E2E8E

# Rectangle

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



8D2800



534E00



005E92



004FAC



# Sweetspot

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



8D2800



B89081



8D0065



5C443B



DBDBDB



5C5C5C



# Same Dimension

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



8D2800



B83400



8D6E00



474240



872600



080200



# Inverse Universe

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



00658D



0084B8



001F8D



404547



006187

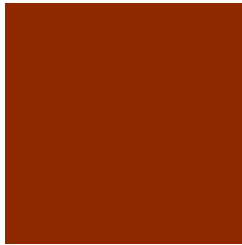


000508



# Previews

## White Background



This preview shows how the Hex color 8D2800 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

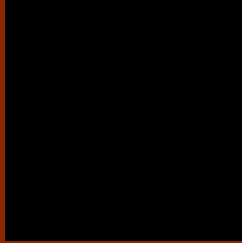
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8D2800 Background



This preview shows how black text looks on a background with the Hex color 8D2800.



This preview shows how white text looks on a background with the Hex color 8D2800.

# 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**  
8D2800

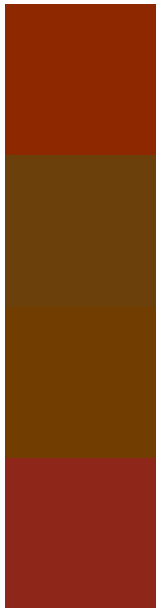
**Protanopia**  
574D10

**Deuteranopia**  
614900



**Tritanopia**  
8E2527

# Trichromacy



**Original Color**  
8D2800

**Protanomaly**  
6B400A

**Deuteranomaly**  
713D00

**Tritanomaly**  
8E2619

# Monochromacy



**Original Color**  
8D2800

**Achromatopsia**  
424242

**Achromatomaly**  
5D392A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D2800 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 #8D2800 looks like.

```
.text, #text, p{  
    color:#8D2800  
}
```

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 #8D2800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D2800
}
```

## Border

The CSS property to change the border of an element to Hex 8D2800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

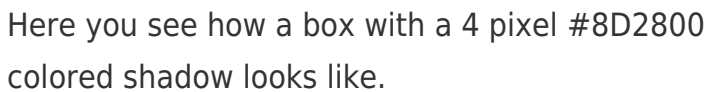
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8D2800 }
```

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

```
.border{ border-color:#8D2800 }
```

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



Here you see how a box with a 4 pixel #8D2800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D2800; -webkit-box-shadow:4px 4px  
4px 4px #8D2800; box-shadow:4px 4px 4px  
4px #8D2800 }
```

# Background

The CSS property to change the background color of an element to Hex 8D2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D2800 }
```

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

```
.background{ background-color:#8D2800 }
```

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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