

# Converting Colors

Hex(8D2227)

Have a look what the booklet for  
Hex(8D2227) contains.

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# Color

**Hex(8D2227)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8D2227
RGB	141, 34, 39
RGB Percent	55%, 13%, 15%
CMY	0.4471, 0.8667, 0.8471
CMYK	0.00, 0.76, 0.72, 0.45
HSL	357°, 61%, 34%
HSV	357°, 76%, 55%
XYZ	11.9227, 6.9533, 2.6332
YIQ	66.5630, 62.1670, 24.2390

# Conversions

## Conversions Part 2

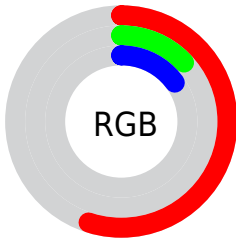
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	141, 34, 39
Decimal	9249319
CIE <sub>Lab</sub>	31.70, 44.69, 24.41
CIE <sub>LCh</sub>	32, 50.919, 28.640
Yxy	6.9533, 0.5543, 0.3233
Android (android.graphics.Color)	4287439399 (0xFF8D2227)
YUV	66.5630, -13.5886, 65.2812
Hunter-Lab	26.3690, 34.5629, 12.5377

# Details

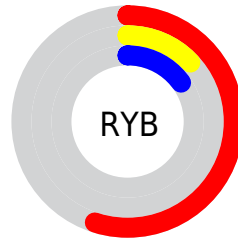
The Hex color **8D2227** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **228D88**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **C85854**, and **540000** is the 20% darker color. If you saturate the color by 10%, you get **8D141A**, and if you desaturate by 10%, it is **8D3034**.

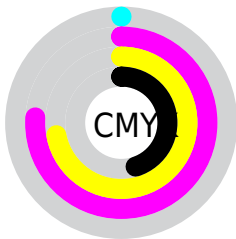
# Distribution



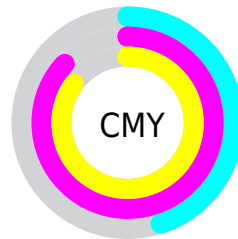
- Red (55%)
- Green (13%)
- Blue (15%)



- Red (55%)
- Yellow (13%)
- Blue (15%)



- Cyan (0%)
- Magenta (76%)
- Yellow (72%)
- Black (45%)



- Cyan (45%)
- Magenta (87%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D2227 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 8D2227 by changing the saturation by 10% instead.





8D2227



8D2227

FFFFFF



700013



C85854



540000



E7726C



390001



FF8D86



140000



FFA8A0



000000



FFC4BB



FFE1D7



FFFEF3



8D2227



8D2227

■ 8D141A

■ 8D3034

■ 8D060C

■ 8D3E42

■ 8D0007

■ 8D4C4F

■ 8D5A5D

■ 8D696A

■ 8D7778

■ 8D8585

■ 8D9393

■ 8DA1A0

# Harmonies

## Analogous

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



8E184E



8D2227



7B3700

# Triad

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



8D2227



00591D



00509B

# Complementary

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



8D2227



228D88

# 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.



00598F



8D2227



005C48

# Square

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



8D2227



355300



005C70



424191

# Rectangle

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



8D2227



684300



005C70



00549A



# Sweetspot

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



8D2227



B88D8F



88228D



5C4243



DBDBDB



5C5C5C



# Same Dimension

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



8D2227



B81118



8D5222



474041



870006



080000



# Inverse Universe

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



8D2227



B81118



225D8D



474041



870006



080000



# Previews

## White Background



This preview shows how the Hex color 8D2227 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 8D2227 Background



This preview shows how black text looks on a background with the Hex color 8D2227.

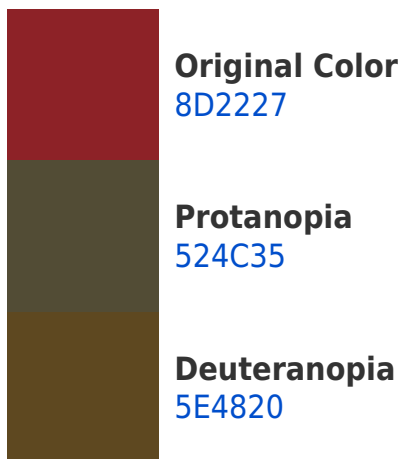



This preview shows how white text looks on a background with the Hex color 8D2227.

# 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**  
8D2324

# Trichromacy



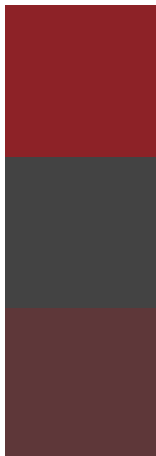
**Original Color**  
8D2227

**Protanomaly**  
673D30

**Deuteranomaly**  
6F3A23

**Tritanomaly**  
8D2325

# Monochromacy



**Original Color**  
8D2227

**Achromatopsia**  
434343

**Achromatomaly**  
5E3739

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D2227 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 #8D2227 looks like.

```
.text, #text, p{  
    color:#8D2227  
}
```

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 #8D2227 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D2227
}
```

## Border

The CSS property to change the border of an element to Hex 8D2227 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
#8D2227 }
```

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

```
.border{ border-color:#8D2227 }
```

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

Here you see how a box with a 4 pixel #8D2227 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D2227; -webkit-box-shadow:4px 4px  
4px 4px #8D2227; box-shadow:4px 4px 4px  
4px #8D2227 }
```

# Background

The CSS property to change the background color of an element to Hex 8D2227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D2227 }
```

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

```
.background{ background-color:#8D2227 }
```

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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