

# Converting Colors

Hex(9D2427)

Have a look what the booklet for  
Hex(9D2427) contains.

<b>Hex(9D2427)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(9D2427)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D2427
RGB	157, 36, 39
RGB Percent	62%, 14%, 15%
CMY	0.3843, 0.8588, 0.8471
CMYK	0.00, 0.77, 0.75, 0.38
HSL	359°, 63%, 38%
HSV	359°, 77%, 62%
XYZ	14.9017, 8.5763, 2.7894
YIQ	72.5210, 71.1530, 26.5850

# Conversions

## Conversions Part 2

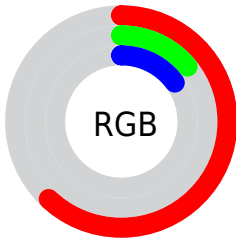
Format	Color
R <sub>Y</sub> B	157, 36, 39
Decimal	10298407
CIE Lab	35.16, 49.11, 29.24
CIE LCh	35, 57.158, 30.768
Yxy	8.5763, 0.5673, 0.3265
Android (android.graphics.Color)	4288488487 (0xFF9D2427)
YUV	72.5210, -16.5259, 74.0881
Hunter-Lab	29.2854, 39.5794, 14.8524

# Details

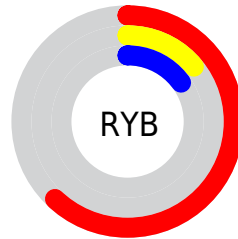
The Hex color **9D2427** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **249D9A**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **DA5B54**, and **620000** is the 20% darker color. If you saturate the color by 10%, you get **9D1418**, and if you desaturate by 10%, it is **9D3436**.

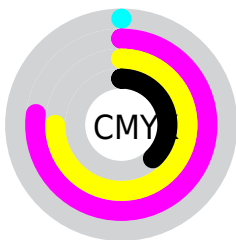
# Distribution



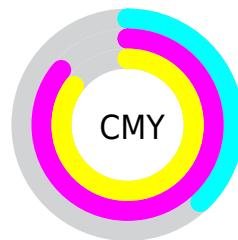
- Red (62%)
- Green (14%)
- Blue (15%)



- Red (62%)
- Yellow (14%)
- Blue (15%)



- Cyan (0%)
- Magenta (77%)
- Yellow (75%)
- Black (38%)



- Cyan (38%)
- Magenta (86%)
- Yellow (85%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D2427 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 9D2427 by changing the saturation by 10% instead.



 9D2427

 9D2427

FFFFFF

 7F0012

 DA5B54

 620000

 F9766D

 450000

 FF9286

 290001

 FFADA0

 000000

 FFCABB

 FFE7D7

 FFFFF4

 9D2427

 9D2427

 9D1418

 9D3436

 9D0508

 9D4346

 9D0004

 9D5355

 9D6364

 9D7374

 9D8283

 9D9292

 9DA2A1

 9DB1B1

# Harmonies

## Analogous

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



A01454



9D2427



873E00

# Triad

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



9D2427



006322



0058AF

# Complementary

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



9D2427



249D9A

# 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.



0062A3



9D2427



006653

# Square

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



9D2427



365D00



006680



4E46A2

# Rectangle

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



9D2427



714C00



006680



005DAE



# Sweetspot

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



9D2427



CC9D9E



99249D



66494A



E6E6E6



666666



# Same Dimension

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



9D2427



CC1015



9D5C24



4F4747



8F0004



0F0000



# Inverse Universe

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



9D2427



CC1015



24659D



4F4747



8F0004



0F0000



# Previews

## White Background



This preview shows how the Hex color 9D2427 looks on a white background.

## Color Contrast Check

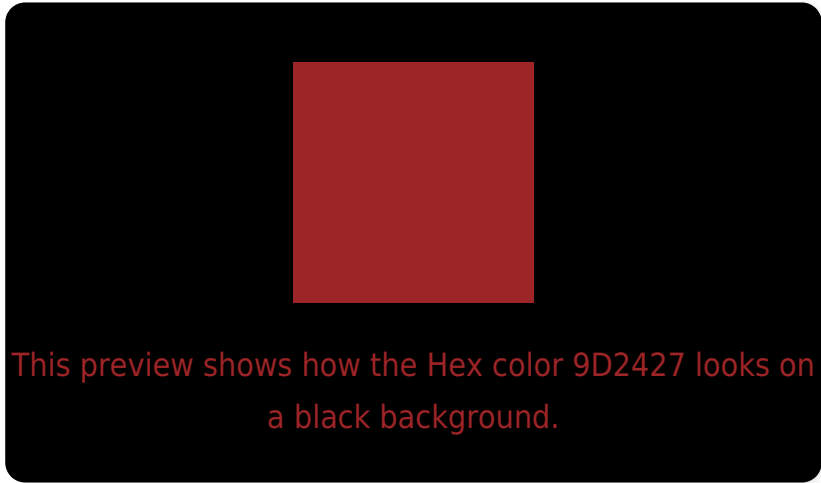
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D2427 Background



This preview shows how black text looks on a background with the Hex color 9D2427.



This preview shows how white text looks on a background with the Hex color 9D2427.

# 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**  
9D2427

**Protanopia**  
5B5436

**Deuteranopia**  
69501F



# Trichromacy



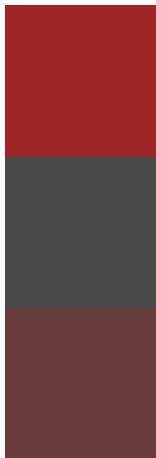
**Original Color**  
9D2427

**Protanomaly**  
734331

**Deuteranomaly**  
7C4022

**Tritanomaly**  
9D2426

# Monochromacy



**Original Color**  
9D2427

**Achromatopsia**  
494949

**Achromatomaly**  
683C3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D2427 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 #9D2427 looks like.

```
.text, #text, p{  
    color:#9D2427  
}
```

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 #9D2427 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D2427
}
```

## Border

The CSS property to change the border of an element to Hex 9D2427 is called "border". The border property can be set on classes, ids or directly on the HTML element.

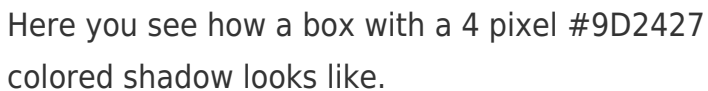
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D2427 }
```

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

```
.border{ border-color:#9D2427 }
```

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



Here you see how a box with a 4 pixel #9D2427 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D2427; -webkit-box-shadow:4px 4px  
4px 4px #9D2427; box-shadow:4px 4px 4px  
4px #9D2427 }
```

# Background

The CSS property to change the background color of an element to Hex 9D2427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D2427 }
```

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

```
.background{ background-color:#9D2427 }
```

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