

# Converting Colors

Hex(9C2425)

Have a look what the booklet for  
Hex(9C2425) contains.

<b>Hex(9C2425)</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(9C2425)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C2425
RGB	156, 36, 37
RGB Percent	61%, 14%, 15%
CMY	0.3882, 0.8588, 0.8549
CMYK	0.00, 0.77, 0.76, 0.39
HSL	360°, 63%, 38%
HSV	360°, 77%, 61%
XYZ	14.6751, 8.4632, 2.6104
YIQ	71.9940, 71.1990, 25.7510

# Conversions

## Conversions Part 2

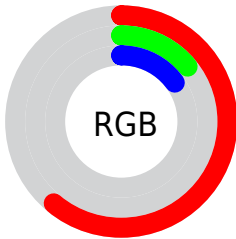
Format	Color
R <sub>Y</sub> B	156, 36, 37
Decimal	10232869
CIE Lab	34.93, 48.71, 30.14
CIE LCh	35, 57.283, 31.747
Yxy	8.4632, 0.5699, 0.3287
Android (android.graphics.Color)	4288422949 (0xFF9C2425)
YUV	71.9940, -17.2520, 73.6733
Hunter-Lab	29.0917, 39.1328, 15.0441

# Details

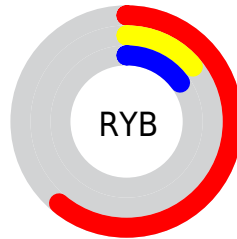
The Hex color **9C2425** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **249C9B**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **D95B52**, and **610000** is the 20% darker color. If you saturate the color by 10%, you get **9C1416**, and if you desaturate by 10%, it is **9C3434**.

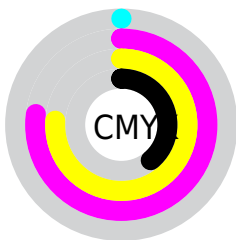
# Distribution



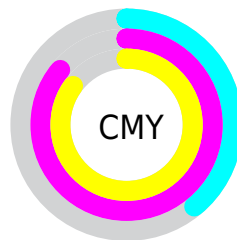
- Red (61%)
- Green (14%)
- Blue (15%)



- Red (61%)
- Yellow (14%)
- Blue (15%)



- Cyan (0%)
- Magenta (77%)
- Yellow (76%)
- Black (39%)



- Cyan (39%)
- Magenta (86%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C2425 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 9C2425 by changing the saturation by 10% instead.



 9C2425

 9C2425

FFFFFF

 7E0010

 D95B52

 610000

 F8766B

 440000

 FF9184

 280001

 FFAD9E

 000000

 FFC9B9

 FFE6D5

 FFFFF1

 9C2425

 9C2425

 9C1416

 9C3434

 9C0506

 9C4344

 9C0001

 9C5353

 9C6263

 9C7272

 9C8282

 9C9191

 9CA1A1

 9CB0B0

# Harmonies

## Analogous

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



9F1252



9C2425



853E00

# Triad

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



9C2425



006323



0057AF

# Complementary

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



9C2425



249C9B

# 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



9C2425



006554

# Square

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



9C2425



335D00



006581



5044A1

# Rectangle

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



9C2425



6F4C00



006581



005CAE



# Sweetspot

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



9C2425



CC9D9D



9A249C



66494A



E6E6E6



666666



# Same Dimension

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



9C2425



CC1012



9C5E24



4F4747



8F0001



0F0000



# Inverse Universe

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



9C2425



CC1012



24629C



4F4747



8F0001



0F0000



# Previews

## White Background



This preview shows how the Hex color 9C2425 looks on a white background.

## Color Contrast Check

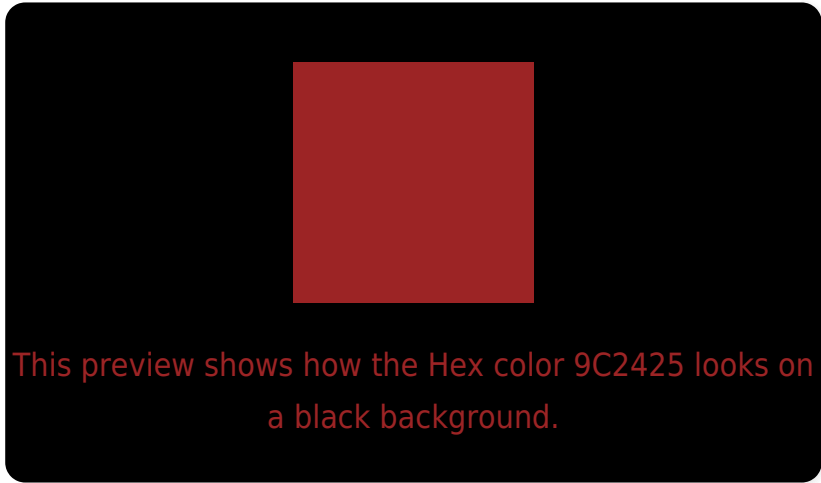
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C2425 Background



This preview shows how black text looks on a background with the Hex color 9C2425.



This preview shows how white text looks on a background with the Hex color 9C2425.

# 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**  
9C2425

**Protanopia**  
5B5434

**Deuteranopia**  
684F1D



# Trichromacy



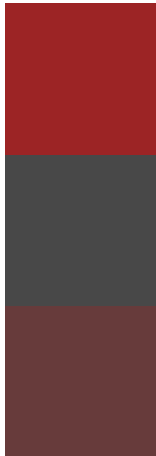
**Original Color**  
9C2425

**Protanomaly**  
73432F

**Deuteranomaly**  
7B3F20

**Tritanomaly**  
9C2425

# Monochromacy



**Original Color**  
9C2425

**Achromatopsia**  
484848

**Achromatomaly**  
673B3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C2425 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 #9C2425 looks like.

```
.text, #text, p{  
    color:#9C2425  
}
```

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 #9C2425 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C2425
}
```

## Border

The CSS property to change the border of an element to Hex 9C2425 is called "border". The border property can be set on classes, ids or directly on the HTML element.

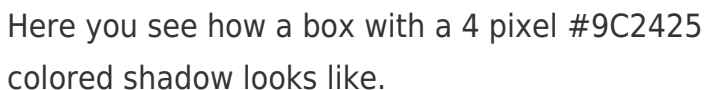
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C2425 }
```

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

```
.border{ border-color:#9C2425 }
```

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



Here you see how a box with a 4 pixel #9C2425 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C2425; -webkit-box-shadow:4px 4px  
4px 4px #9C2425; box-shadow:4px 4px 4px  
4px #9C2425 }
```

# Background

The CSS property to change the background color of an element to Hex 9C2425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C2425 }
```

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

```
.background{ background-color:#9C2425 }
```

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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