

# Converting Colors

Hex(9C2C21)

Have a look what the booklet for  
Hex(9C2C21) contains.

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**Color**

**Hex(9C2C21)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C2C21
RGB	156, 44, 33
RGB Percent	61%, 17%, 13%
CMY	0.3882, 0.8275, 0.8706
CMYK	0.00, 0.72, 0.79, 0.39
HSL	5°, 65%, 37%
HSV	5°, 79%, 61%
XYZ	14.8855, 8.9791, 2.3874
YIQ	76.2340, 70.2830, 20.3230

# Conversions

## Conversions Part 2

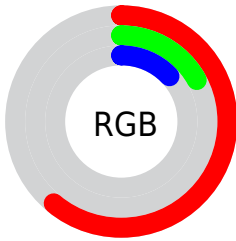
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 45, 33
Decimal	10234913
CIE Lab	35.94, 45.62, 33.58
CIE LCh	36, 56.643, 36.359
Yxy	8.9791, 0.5670, 0.3420
Android (android.graphics.Color)	4288424993 (0xFF9C2C21)
YUV	76.2340, -21.3144, 69.9548
Hunter-Lab	29.9651, 36.2328, 16.2517

# Details

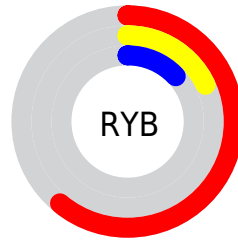
The Hex color **9C2C21** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **21919C**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **D9614E**, and **610000** is the 20% darker color. If you saturate the color by 10%, you get **9C1E11**, and if you desaturate by 10%, it is **9C3A31**.

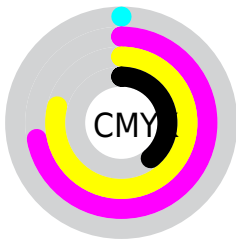
# Distribution



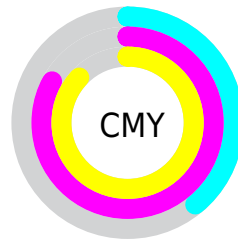
- Red (61%)
- Green (17%)
- Blue (13%)



- Red (61%)
- Yellow (18%)
- Blue (13%)



- Cyan (0%)
- Magenta (72%)
- Yellow (79%)
- Black (39%)



- Cyan (39%)
- Magenta (83%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C2C21 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 9C2C21 by changing the saturation by 10% instead.





9C2C21



9C2C21

FFFFFF



7E0B0C



D9614E



610000



F87C67



440000



FF9780



290001



FFB39A



000000



FFCFB5



FFECD1



FFFFED



9C2C21



9C2C21

■ 9C1E11

■ 9C3A31

■ 9C1002

■ 9C4840

■ 9C0E00

■ 9C5750

■ 9C655F

■ 9C736F

■ 9C817F

■ 9C8F8E

■ 9C9E9E

■ 9CACAD

# Harmonies

## Analogous

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



A3194D



9C2C21



834400

# Triad

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



9C2C21



00662E



0057B0

# Complementary

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



9C2C21



21919C

# 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.



0063A8



9C2C21



00685D

# Square

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



9C2C21



2D6000



00688A



5F439E

# Rectangle

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



9C2C21



6C5100



00688A



005CB0



# Sweetspot

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



9C2C21



CC9F9B



9C2192



664B48



E6E6E6



666666



# Same Dimension

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



9C2C21



CC1C0A



9C6921



4F4847



8F0D00



0F0100



# Inverse Universe

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



21919C



0ABBCC



21549C



474E4F



00828F



000E0F



# Previews

## White Background



This preview shows how the Hex color 9C2C21 looks on a white background.

## Color Contrast Check

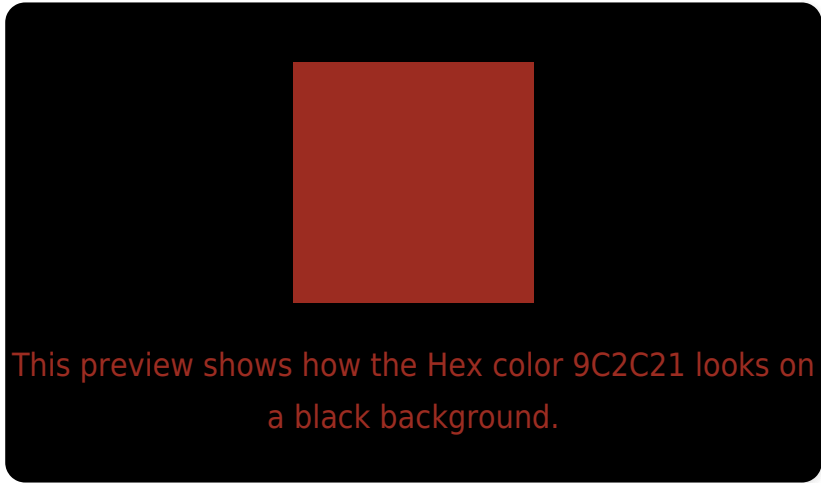
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C2C21 Background



This preview shows how black text looks on a background with the Hex color 9C2C21.

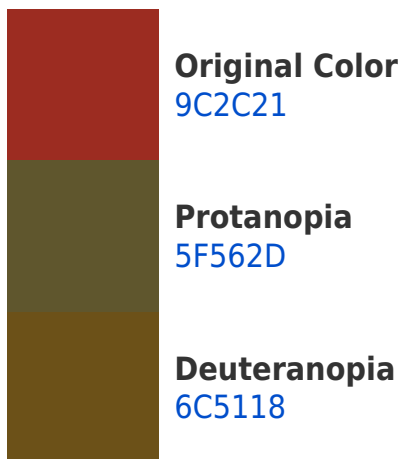


This preview shows how white text looks on a background with the Hex color 9C2C21.

# 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





# Trichromacy



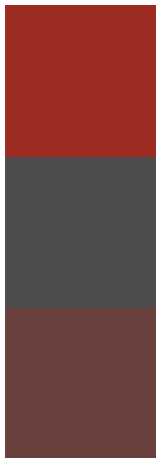
**Original Color**  
9C2C21

**Protanomaly**  
754729

**Deuteranomaly**  
7D441B

**Tritanomaly**  
9C2B28

# Monochromacy



**Original Color**  
9C2C21

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
69403C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C2C21 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 #9C2C21 looks like.

```
.text, #text, p{  
    color:#9C2C21  
}
```

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 #9C2C21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C2C21
}
```

## Border

The CSS property to change the border of an element to Hex 9C2C21 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
#9C2C21 }
```

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

```
.border{ border-color:#9C2C21 }
```

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

Here you see how a box with a 4 pixel #9C2C21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C2C21; -webkit-box-shadow:4px 4px  
4px 4px #9C2C21; box-shadow:4px 4px 4px  
4px #9C2C21 }
```

# Background

The CSS property to change the background color of an element to Hex 9C2C21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C2C21 }
```

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

```
.background{ background-color:#9C2C21 }
```

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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