

# Converting Colors

Hex(9E2A20)

Have a look what the booklet for  
Hex(9E2A20) contains.

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# Color

**Hex(9E2A20)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E2A20
RGB	158, 42, 32
RGB Percent	62%, 16%, 13%
CMY	0.3804, 0.8353, 0.8745
CMYK	0.00, 0.73, 0.80, 0.38
HSL	5°, 66%, 37%
HSV	5°, 80%, 62%
XYZ	15.1892, 9.0293, 2.3088
YIQ	75.5440, 72.3460, 21.4820

# Conversions

## Conversions Part 2

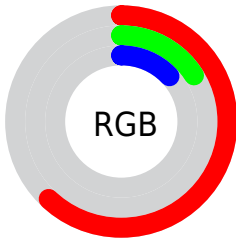
Format	Color
R <sub>Y</sub> B	158, 43, 32
Decimal	10365472
CIE Lab	36.04, 47.02, 34.37
CIE LCh	36, 58.241, 36.165
Yxy	9.0293, 0.5726, 0.3404
Android (android.graphics.Color)	4288555552 (0xFF9E2A20)
YUV	75.5440, -21.4672, 72.3139
Hunter-Lab	30.0488, 37.6436, 16.4787

# Details

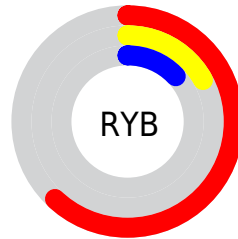
The Hex color **9E2A20** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **20949E**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **DB604D**, and **630000** is the 20% darker color. If you saturate the color by 10%, you get **9E1B10**, and if you desaturate by 10%, it is **9E3930**.

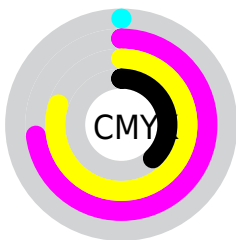
# Distribution



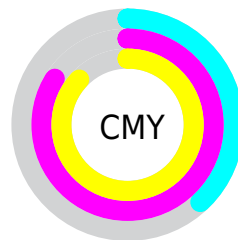
- Red (62%)
- Green (16%)
- Blue (13%)



- Red (62%)
- Yellow (17%)
- Blue (13%)



- Cyan (0%)
- Magenta (73%)
- Yellow (80%)
- Black (38%)



- Cyan (38%)
- Magenta (84%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E2A20 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 9E2A20 by changing the saturation by 10% instead.



 9E2A20

 9E2A20

FFFFFF

 80070A

 DB604D

 630000

 FA7B66

 450000

 FF967F

 2B0001

 FFB299

 000000

 FFCEB4

 FFEBCF

 FFFFEC

 9E2A20

 9E2A20

■ 9E1B10

■ 9E3930

■ 9E0D00

■ 9E4740

■ 9E564F

■ 9E645F

■ 9E736F

■ 9E817F

■ 9E908F

■ 9E9E9E

■ 9EADAE

# Harmonies

## Analogous

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



A5144D



9E2A20



854400

# Triad

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



9E2A20



00662C



0058B3

# Complementary

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



9E2A20



20949E

# 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.



0064AB



9E2A20



00695E

# Square

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



9E2A20



2C6100



00688B



5F43A1

# Rectangle

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



9E2A20



6D5100



00688B



005DB3



# Sweetspot

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



9E2A20



CFA19D



9E2096



694D4A



E8E8E8



696969



# Same Dimension

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



9E2A20



CF1808



9E6720



4F4847



8F0B00



0F0100



# Inverse Universe

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



20949E



08BFCF



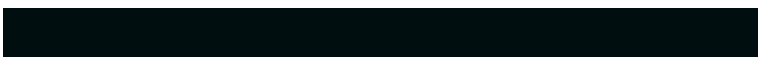
20579E



474E4F



00838F



000E0F



# Previews

## White Background



This preview shows how the Hex color 9E2A20 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 9E2A20 Background



This preview shows how black text looks on a background with the Hex color 9E2A20.



This preview shows how white text looks on a background with the Hex color 9E2A20.

# 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**  
9E2A20

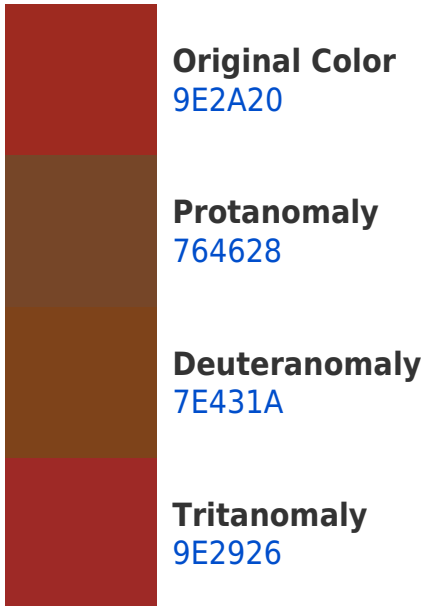
**Protanopia**  
5F562C

**Deuteranopia**  
6C5216

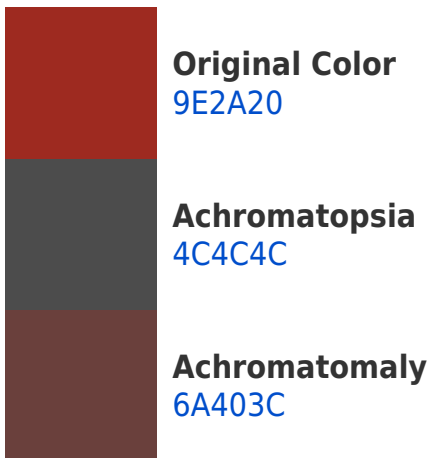


**Tritanopia**  
9E292A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E2A20 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 #9E2A20 looks like.

```
.text, #text, p{  
    color:#9E2A20  
}
```

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 #9E2A20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E2A20
}
```

## Border

The CSS property to change the border of an element to Hex 9E2A20 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
#9E2A20 }
```

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

```
.border{ border-color:#9E2A20 }
```

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

Here you see how a box with a 4 pixel #9E2A20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E2A20; -webkit-box-shadow:4px 4px  
4px 4px #9E2A20; box-shadow:4px 4px 4px  
4px #9E2A20 }
```

# Background

The CSS property to change the background color of an element to Hex 9E2A20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E2A20 }
```

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

```
.background{ background-color:#9E2A20 }
```

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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