

# Converting Colors

Hex(922F27)

Have a look what the booklet for  
Hex(922F27) contains.

<b>Hex(922F27)</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(922F27)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	922F27
RGB	146, 47, 39
RGB Percent	57%, 18%, 15%
CMY	0.4275, 0.8157, 0.8471
CMYK	0.00, 0.68, 0.73, 0.43
HSL	4°, 58%, 36%
HSV	4°, 73%, 57%
XYZ	13.2368, 8.2905, 2.8220
YIQ	75.6890, 61.5720, 18.5000

# Conversions

## Conversions Part 2

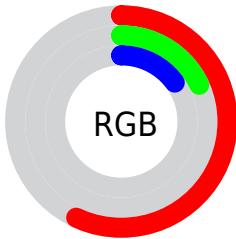
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	146, 48, 39
Decimal	9580327
CIE <sub>Lab</sub>	34.58, 41.15, 28.02
CIE <sub>LCh</sub>	35, 49.784, 34.253
Yxy	8.2905, 0.5436, 0.3405
Android (android.graphics.Color)	4287770407 (0xFF922F27)
YUV	75.6890, -18.0877, 61.6627
Hunter-Lab	28.7932, 31.6716, 14.3443

# Details

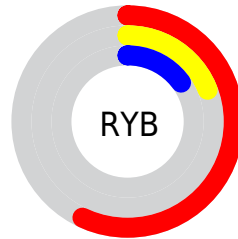
The Hex color **922F27** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **278A92**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **CD6354**, and **590000** is the 20% darker color. If you saturate the color by 10%, you get **922118**, and if you desaturate by 10%, it is **923D36**.

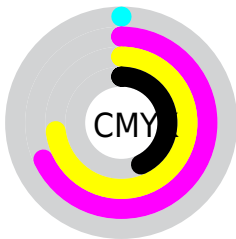
# Distribution



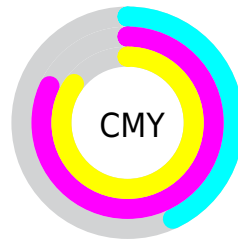
- Red (57%)
- Green (18%)
- Blue (15%)



- Red (57%)
- Yellow (19%)
- Blue (15%)



- Cyan (0%)
- Magenta (68%)
- Yellow (73%)
- Black (43%)



- Cyan (43%)
- Magenta (82%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 922F27 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 922F27 by changing the saturation by 10% instead.



 922F27

 922F27

FFFFFF

 751312

 CD6354

 590000

 EC7D6D

 3D0000

 FF9886

 200001

 FFB3A1

 000000

 FFCFBC

 FFECD7

 FFFFF4

 922F27

 922F27

■ 922118

■ 923D36

■ 92140A

■ 924A44

■ 920B00

■ 925853

■ 926561

■ 927370

■ 92807F

■ 928E8D

■ 929B9C

■ 92A9AA

# Harmonies

## Analogous

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



96244D



922F27



7D4200

# Triad

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



922F27



00612D



0054A1

# Complementary

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



922F27



278A92

# 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.



005E99



922F27



006356

# Square

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



922F27



345B00



00627D



574493

# Rectangle

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



922F27



694D00



00627D



0058A1



# Sweetspot

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



922F27



BD9693



92278B



5E4846



DEDEDE



5E5E5E



# Same Dimension

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



922F27



BD2317



926427



4A4343



8A0A00



0A0100



# Inverse Universe

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



278A92



17B0BD



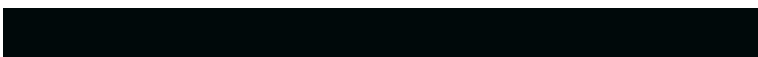
275592



43494A



007F8A



00090A



# Previews

## White Background



This preview shows how the Hex color 922F27 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 922F27 Background



This preview shows how black text looks on a background with the Hex color 922F27.

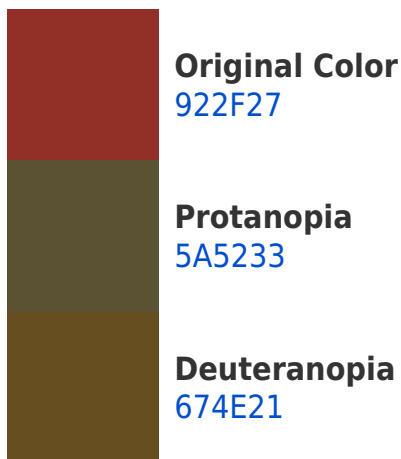


This preview shows how white text looks on a background with the Hex color 922F27.

# 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**  
922E30

# Trichromacy



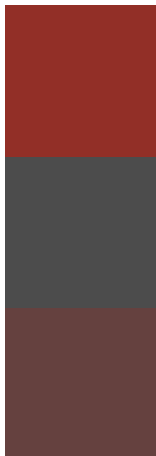
**Original Color**  
922F27

**Protanomaly**  
6E452F

**Deuteranomaly**  
774323

**Tritanomaly**  
922E2D

# Monochromacy



**Original Color**  
922F27

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
65413F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 922F27 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 #922F27 looks like.

```
.text, #text, p{  
  color:#922F27  
}
```

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 #922F27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #922F27
}
```

## Border

The CSS property to change the border of an element to Hex 922F27 is called "border". The border property can be set on classes, ids or directly on the HTML element.

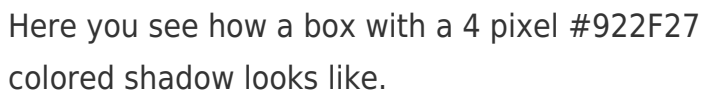
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#922F27 }
```

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

```
.border{ border-color:#922F27 }
```

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



Here you see how a box with a 4 pixel #922F27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #922F27; -webkit-box-shadow:4px 4px  
4px 4px #922F27; box-shadow:4px 4px 4px  
4px #922F27 }
```

# Background

The CSS property to change the background color of an element to Hex 922F27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#922F27 }
```

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

```
.background{ background-color:#922F27 }
```

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