

# Converting Colors

Hex(922323)

Have a look what the booklet for  
Hex(922323) contains.

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**Color**

**Hex(922323)**

# Conversions

## Conversions Part 1

Format	Color
Hex	922323
RGB	146, 35, 35
RGB Percent	57%, 14%, 14%
CMY	0.4275, 0.8627, 0.8627
CMYK	0.00, 0.76, 0.76, 0.43
HSL	0°, 61%, 35%
HSV	0°, 76%, 57%
XYZ	12.7585, 7.4344, 2.3526
YIQ	68.1890, 66.1560, 23.5320

# Conversions

## Conversions Part 2

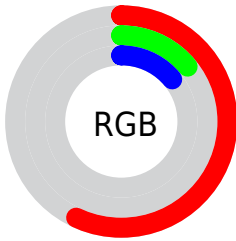
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	146, 35, 35
Decimal	9577251
CIE <sub>Lab</sub>	32.78, 45.77, 28.39
CIE <sub>LCh</sub>	33, 53.859, 31.813
Yxy	7.4344, 0.5659, 0.3298
Android (android.graphics.Color)	4287767331 (0xFF922323)
YUV	68.1890, -16.3622, 68.2402
Hunter-Lab	27.2661, 35.8087, 13.9705

# Details

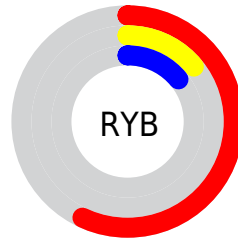
The Hex color **922323** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **239292**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **CE5950**, and **580000** is the 20% darker color. If you saturate the color by 10%, you get **921414**, and if you desaturate by 10%, it is **923232**.

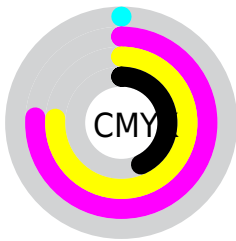
# Distribution



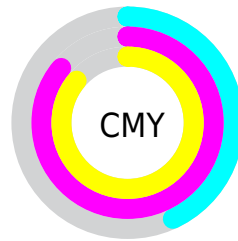
- Red (57%)
- Green (14%)
- Blue (14%)



- Red (57%)
- Yellow (14%)
- Blue (14%)



- Cyan (0%)
- Magenta (76%)
- Yellow (76%)
- Black (43%)



- Cyan (43%)
- Magenta (86%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 922323 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 922323 by changing the saturation by 10% instead.



 922323

 922323

FFFFFF

 75000E

 CE5950

 580000

 ED7368

 3C0001

 FF8E81

 1C0001

 FFAA9B

 000000

 FFC6B6

 FFE3D2

 FFFFEE

 922323

 922323

■ 921414

■ 923232

■ 920606

■ 924040

■ 920000

■ 924F4F

■ 925D5D

■ 926C6C

■ 927B7B

■ 928989

■ 929898

■ 92A6A6

# Harmonies

## Analogous

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



95144C



922323



7D3B00

# Triad

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



922323



005D22



0052A3

# Complementary

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



922323



239292

# 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.



005C98



922323



005F4F

# Square

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



922323



315700



005F79



4C4096

# Rectangle

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



922323



684700



005F79



0056A2



# Sweetspot

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



922323



BD9191



922392



5E4444



DEDEDE



5E5E5E



# Same Dimension

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



922323



BD1111



925A23



4A4343



8A0000



0A0000



# Inverse Universe

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



239292



11BDBD



235A92



434A4A



008A8A



000A0A



# Previews

## White Background



This preview shows how the Hex color 922323 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 922323 Background



This preview shows how black text looks on a background with the Hex color 922323.



This preview shows how white text looks on a background with the Hex color 922323.

# 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**  
922323

**Protanopia**  
564F31

**Deuteranopia**  
624B1B



# Trichromacy



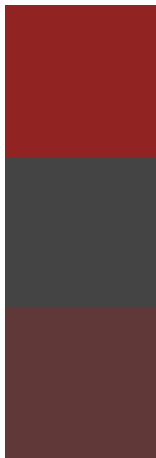
**Original Color**  
922323

**Protanomaly**  
6C3F2C

**Deuteranomaly**  
733C1E

**Tritanomaly**  
922324

# Monochromacy



**Original Color**  
922323

**Achromatopsia**  
444444

**Achromatomaly**  
603838

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 922323 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 #922323 looks like.

```
.text, #text, p{  
    color:#922323  
}
```

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 #922323 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #922323
}
```

## Border

The CSS property to change the border of an element to Hex 922323 is called "border". The border property can be set on classes, ids or directly on the HTML element.

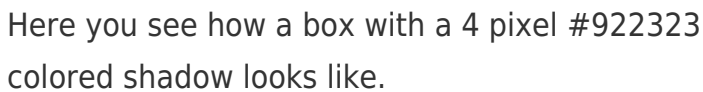
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#922323 }
```

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

```
.border{ border-color:#922323 }
```

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



Here you see how a box with a 4 pixel #922323 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #922323; -webkit-box-shadow:4px 4px  
4px 4px #922323; box-shadow:4px 4px 4px  
4px #922323 }
```

# Background

The CSS property to change the background color of an element to Hex 922323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#922323 }
```

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

```
.background{ background-color:#922323 }
```

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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