

# Converting Colors

Hex(901F23)

Have a look what the booklet for  
Hex(901F23) contains.

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**Color**

**Hex(901F23)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	901F23
RGB	144, 31, 35
RGB Percent	56%, 12%, 14%
CMY	0.4353, 0.8784, 0.8627
CMYK	0.00, 0.78, 0.76, 0.44
HSL	358°, 65%, 34%
HSV	358°, 78%, 56%
XYZ	12.2950, 7.0306, 2.2991
YIQ	65.2430, 66.0640, 25.2000

# Conversions

## Conversions Part 2

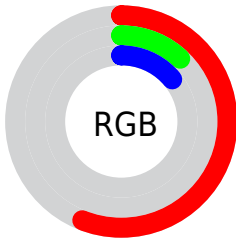
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 31, 35
Decimal	9445155
CIE Lab	31.88, 46.51, 27.27
CIE LCh	32, 53.911, 30.382
Yxy	7.0306, 0.5686, 0.3251
Android (android.graphics.Color)	4287635235 (0xFF901F23)
YUV	65.2430, -14.9098, 69.0699
Hunter-Lab	26.5153, 36.3674, 13.4197

# Details

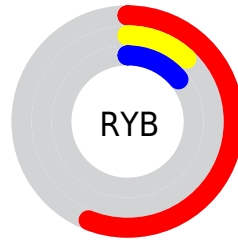
The Hex color **901F23** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1F908C**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **CC5650**, and **560000** is the 20% darker color. If you saturate the color by 10%, you get **901115**, and if you desaturate by 10%, it is **902D31**.

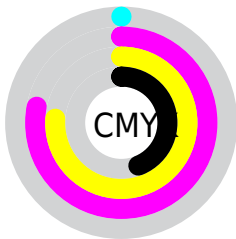
# Distribution



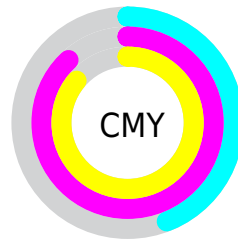
- Red (56%)
- Green (12%)
- Blue (14%)



- Red (56%)
- Yellow (12%)
- Blue (14%)



- Cyan (0%)
- Magenta (78%)
- Yellow (76%)
- Black (44%)



- Cyan (44%)
- Magenta (88%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 901F23 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 901F23 by changing the saturation by 10% instead.



 901F23

 901F23

FFFFFF

 73000E

 CC5650

 560000

 EB7068

 3B0001

 FF8B81

 180001

 FFA79B

 000000

 FFC3B6

 FFE0D2

 FFFDEE

 901F23

 901F23

■ 901115

■ 902D31

■ 900207

■ 903C3F

■ 900005

■ 904A4D

■ 90595B

■ 906768

■ 907576

■ 908484

■ 909292

■ 90A1A0

# Harmonies

## Analogous

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



92104C



901F23



7C3800

# Triad

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



901F23



005A1D



0050A1

# Complementary

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



901F23



1F908C

# 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.



005A95



901F23



005D4A

# Square

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



901F23



315500



005D75



453F95

# Rectangle

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



901F23



684400



005D75



00549F



# Sweetspot

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



901F23



BA8D8F



8A1F90



5E4344



DEDEDE



5E5E5E



# Same Dimension

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



901F23



BA0B11



90521F



474041



870005



080000



# Inverse Universe

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



901F23



BA0B11



1F5D90



474041



870005



080000



# Previews

## White Background



This preview shows how the Hex color 901F23 looks on a white background.

## Color Contrast Check

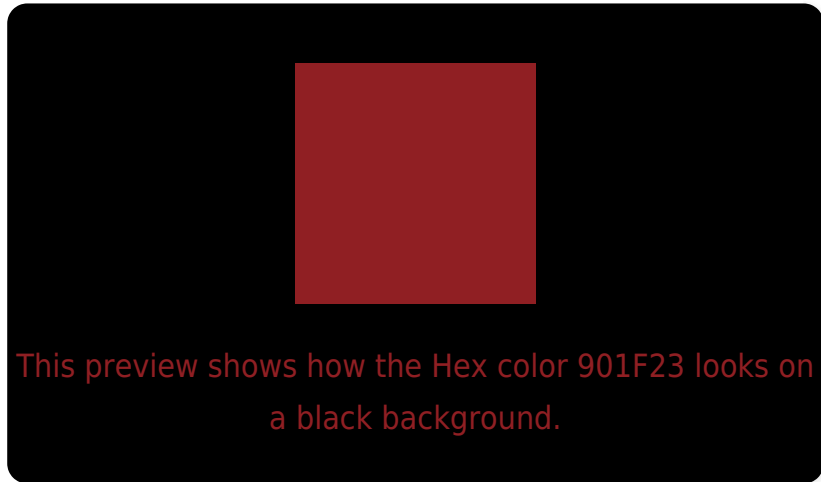
Large Text (above 18pt) WCAG AA ✓ Pass

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 901F23 Background



This preview shows how black text looks on a background with the Hex color 901F23.



This preview shows how white text looks on a background with the Hex color 901F23.

# 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**  
901F23

**Protanopia**  
534D31

**Deuteranopia**  
60491B



# Trichromacy



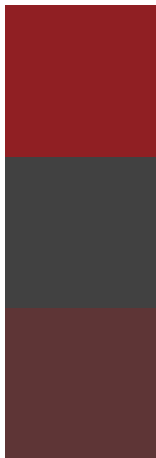
**Original Color**  
901F23

**Protanomaly**  
693C2C

**Deuteranomaly**  
713A1E

**Tritanomaly**  
902021

# Monochromacy



**Original Color**  
901F23

**Achromatopsia**  
414141

**Achromatomaly**  
5E3536

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 901F23 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 #901F23 looks like.

```
.text, #text, p{  
    color:#901F23  
}
```

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 #901F23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #901F23
}
```

## Border

The CSS property to change the border of an element to Hex 901F23 is called "border". The border property can be set on classes, ids or directly on the HTML element.

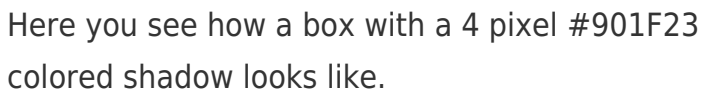
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#901F23 }
```

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

```
.border{ border-color:#901F23 }
```

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



Here you see how a box with a 4 pixel #901F23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #901F23; -webkit-box-shadow:4px 4px  
4px 4px #901F23; box-shadow:4px 4px 4px  
4px #901F23 }
```

# Background

The CSS property to change the background color of an element to Hex 901F23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#901F23 }
```

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

```
.background{ background-color:#901F23 }
```

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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