

# Converting Colors

Hex(912A17)

Have a look what the booklet for  
Hex(912A17) contains.

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**Color**

**Hex(912A17)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	912A17
RGB	145, 42, 23
RGB Percent	57%, 16%, 9%
CMY	0.4314, 0.8353, 0.9098
CMYK	0.00, 0.71, 0.84, 0.43
HSL	9°, 73%, 33%
HSV	9°, 84%, 57%
XYZ	12.6597, 7.7375, 1.6369
YIQ	70.6310, 67.4870, 15.9270

# Conversions

## Conversions Part 2

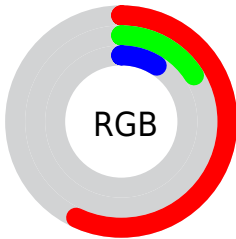
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 46, 23
Decimal	9513495
CIE <sub>Lab</sub>	33.43, 42.29, 35.86
CIE <sub>LCh</sub>	33, 55.447, 40.302
Yxy	7.7375, 0.5745, 0.3512
Android (android.graphics.Color)	4287703575 (0xFF912A17)
YUV	70.6310, -23.4821, 65.2216
Hunter-Lab	27.8164, 32.5593, 15.9826

# Details

The Hex color **912A17** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **177E91**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **CD5E44**, and **560000** is the 20% darker color. If you saturate the color by 10%, you get **911E09**, and if you desaturate by 10%, it is **913625**.

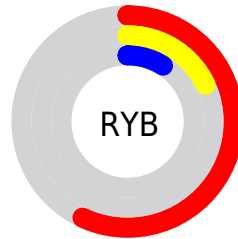
# Distribution



Red (57%)

Green (16%)

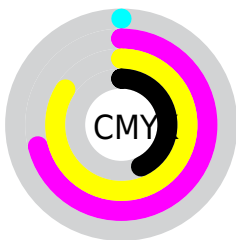
Blue (9%)



Red (57%)

Yellow (18%)

Blue (9%)

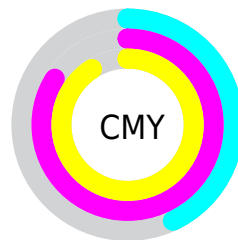


Cyan (0%)

Magenta (71%)

Yellow (84%)

Black (43%)



Cyan (43%)

Magenta (84%)


Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 912A17 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 912A17 by changing the saturation by 10% instead.



 912A17

 912A17

FFFFFFE

 740B00

 CD5E44

 560000

 EC785C

 3B0000

 FF9375

 1B0001


 FFAF8F


 000000

 FFCBAA

 FFE7C5

 FFFFE1

 912A17

 912A17

■ 911E09

■ 913625

■ 911700

■ 914234

■ 914F42

■ 915B51

■ 916760

■ 91736E

■ 91807C

■ 918C8B

■ 91989A

# Harmonies

## Analogous

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



9A1342



912A17



774100

# Triad

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



912A17



00602F



004FA6

# Complementary

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



912A17



177E91

# 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.



005BA2



912A17



00615D

# Square

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



912A17



1E5B00



006187



613B92

# Rectangle

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



912A17



604D00



006187



0054A7



# Sweetspot

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



912A17



BD958E



91177F



5E4642



DEDEDE



5E5E5E



# Same Dimension

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



912A17



BD1D00



916617



474140



871500



080100



# Inverse Universe

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



177E91



009FBD



174291



404647



007287



000608



# Previews

## White Background



This preview shows how the Hex color 912A17 looks on a white background.

## Color Contrast Check

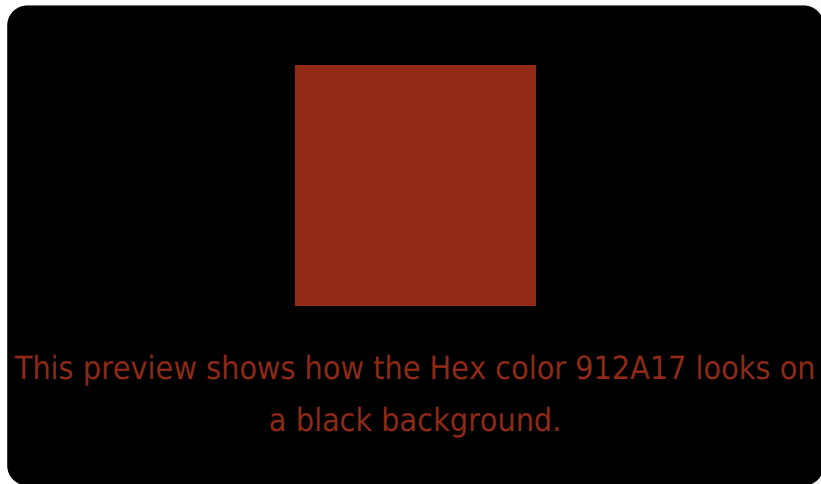
Large Text (above 18pt) WCAG AA ✓ Pass

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 912A17 Background



This preview shows how black text looks on a background with the Hex color 912A17.



This preview shows how white text looks on a background with the Hex color 912A17.

# 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**  
912A17

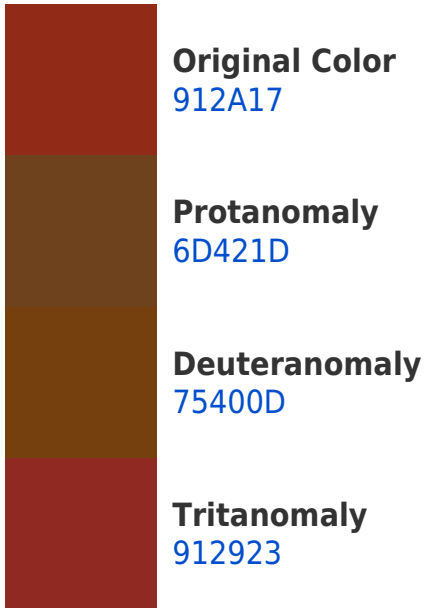
**Protanopia**  
595021

**Deuteranopia**  
654C08



**Tritanopia**  
91282A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 912A17 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 #912A17 looks like.

```
.text, #text, p{  
    color:#912A17  
}
```

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 #912A17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #912A17
}
```

## Border

The CSS property to change the border of an element to Hex 912A17 is called "border". The border property can be set on classes, ids or directly on the HTML element.

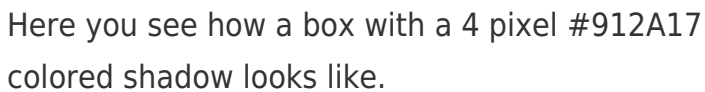
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#912A17 }
```

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

```
.border{ border-color:#912A17 }
```

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



Here you see how a box with a 4 pixel #912A17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #912A17; -webkit-box-shadow:4px 4px  
4px 4px #912A17; box-shadow:4px 4px 4px  
4px #912A17 }
```

# Background

The CSS property to change the background color of an element to Hex 912A17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#912A17 }
```

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

```
.background{ background-color:#912A17 }
```

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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