

# Converting Colors

Hex(913434)

Have a look what the booklet for  
Hex(913434) contains.

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**Color**

**Hex(913434)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	913434
RGB	145, 52, 52
RGB Percent	57%, 20%, 20%
CMY	0.4314, 0.7961, 0.7961
CMYK	0.00, 0.64, 0.64, 0.43
HSL	0°, 47%, 39%
HSV	0°, 64%, 57%
XYZ	13.5249, 8.7237, 4.2198
YIQ	79.8070, 55.4280, 19.7160

# Conversions

## Conversions Part 2

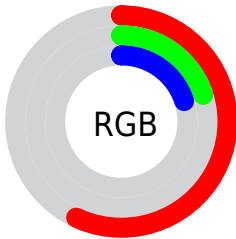
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 52, 52
Decimal	9516084
CIE Lab	35.45, 39.28, 21.02
CIE LCh	35, 44.553, 28.149
Yxy	8.7237, 0.5110, 0.3296
Android (android.graphics.Color)	4287706164 (0xFF913434)
YUV	79.8070, -13.7089, 57.1743
Hunter-Lab	29.5358, 30.0500, 12.2043

# Details

The Hex color **913434** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **349191**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **CB6763**, and **590008** is the 20% darker color. If you saturate the color by 10%, you get **912626**, and if you desaturate by 10%, it is **914343**.

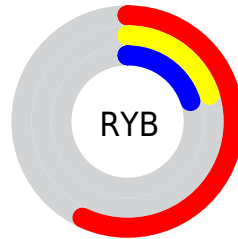
# Distribution



Red (57%)

Green (20%)

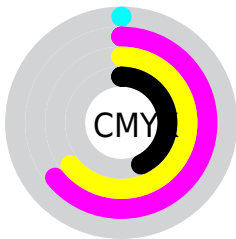
Blue (20%)



Red (57%)

Yellow (20%)

Blue (20%)

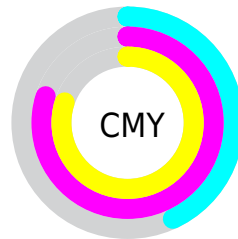


Cyan (0%)

Magenta (64%)

Yellow (64%)

Black (43%)



Cyan (43%)

Magenta (80%)


Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 913434 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 913434 by changing the saturation by 10% instead.



 913434

 913434

FFFFFF

 741A1F

 CB6763

 590008

 E9817B

 3D0000

 FF9C95

 210001


 FFB8B0


 000000

 FFD4CB

 FFF1E7

 913434

 913434

 912626

 914343

■ 911717

■ 915151

■ 910909

■ 916060

■ 910000

■ 916E6E

■ 917D7D

■ 918B8B

■ 919A9A

■ 91A8A8

■ 91B7B7

# Harmonies

## Analogous

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



912F57



913434



814315

# Triad

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



913434



01612C



00589B

# Complementary

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



913434



349191

# 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.



006090



913434



006450

# Square

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



913434



445B0A



006474



4E4B93

# Rectangle

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



913434



704D02



006474



005C99



# Sweetspot

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



913434



BD9999



913491



5E4949



DEDEDE



5E5E5E



# Same Dimension

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



913434



BD2B2B



916334



474040



870000



080000



# Inverse Universe

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



349191



2BBDBD



346391



404747



008787



000808



# Previews

## White Background



This preview shows how the Hex color 913434 looks on a white background.

## Color Contrast Check

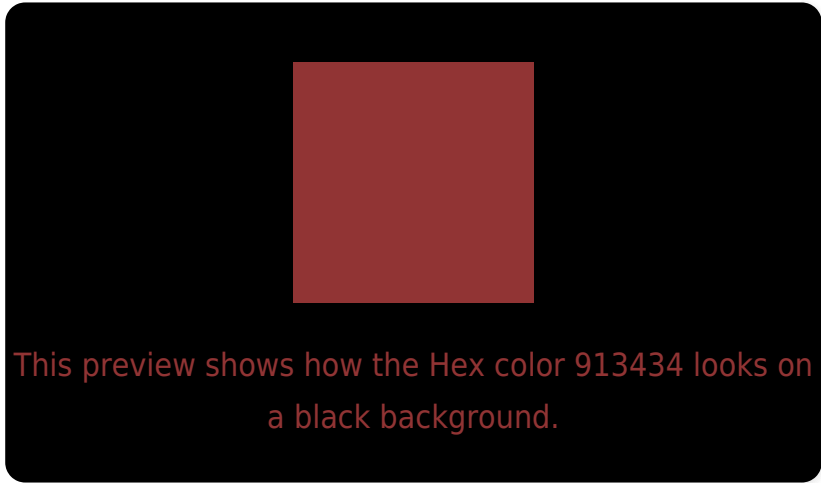
Large Text (above 18pt) WCAG AA ✓ Pass

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 913434 Background



This preview shows how black text looks on a background with the Hex color 913434.

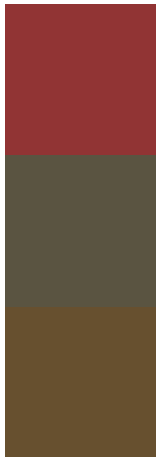


This preview shows how white text looks on a background with the Hex color 913434.

# 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**  
913434

**Protanopia**  
5A5441

**Deuteranopia**  
67502F



**Tritanopia**  
913437

# Trichromacy



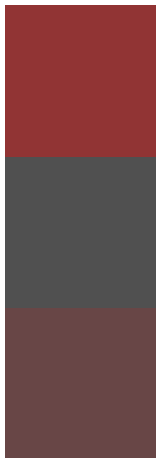
**Original Color**  
913434

**Protanomaly**  
6E483C

**Deuteranomaly**  
764631

**Tritanomaly**  
913436

# Monochromacy



**Original Color**  
913434

**Achromatopsia**  
505050

**Achromatomaly**  
684646

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 913434 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 #913434 looks like.

```
.text, #text, p{  
    color:#913434  
}
```

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 #913434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #913434
}
```

## Border

The CSS property to change the border of an element to Hex 913434 is called "border". The border property can be set on classes, ids or directly on the HTML element.

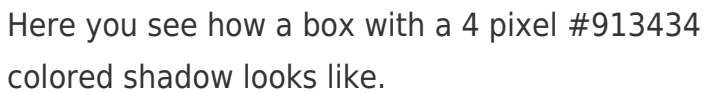
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#913434 }
```

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

```
.border{ border-color:#913434 }
```

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



Here you see how a box with a 4 pixel #913434 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #913434; -webkit-box-shadow:4px 4px  
4px 4px #913434; box-shadow:4px 4px 4px  
4px #913434 }
```

# Background

The CSS property to change the background color of an element to Hex 913434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#913434 }
```

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

```
.background{ background-color:#913434 }
```

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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