

# Converting Colors

Hex(913204)

Have a look what the booklet for  
Hex(913204) contains.

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**Color**

**Hex(913204)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	913204
RGB	145, 50, 4
RGB Percent	57%, 20%, 2%
CMY	0.4314, 0.8039, 0.9843
CMYK	0.00, 0.66, 0.97, 0.43
HSL	20°, 95%, 29%
HSV	20°, 97%, 57%
XYZ	12.8396, 8.3097, 1.0421
YIQ	73.1610, 71.3860, 5.8340

# Conversions

## Conversions Part 2

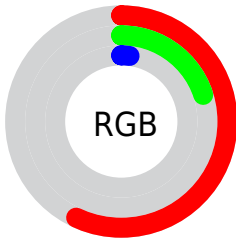
<b>Format</b>	<b>Color</b>
<b>RYB</b>	145, 72, 4
Decimal	9515524
CIELab	34.62, 38.36, 44.81
CIELCh	35, 58.990, 49.434
Yxy	8.3097, 0.5786, 0.3745
Android (android.graphics.Color)	4287705604 (0xFF913204)
YUV	73.1610, -34.0964, 63.0028
Hunter-Lab	28.8266, 29.0587, 18.0353

# Details

The Hex color **913204** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **046391**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **CE6536**, and **560000** is the 20% darker color. If you saturate the color by 10%, you get **912F00**, and if you desaturate by 10%, it is **913C12**.

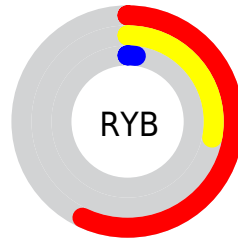
# Distribution



Red (57%)

Green (20%)

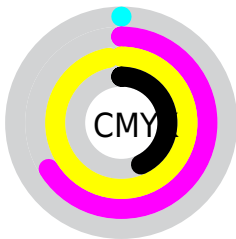
Blue (2%)



Red (57%)

Yellow (28%)

Blue (2%)

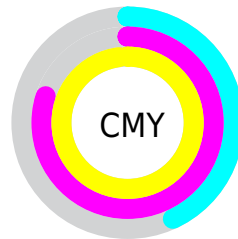


Cyan (0%)

Magenta (66%)

Yellow (97%)

Black (43%)



Cyan (43%)

Magenta (80%)


Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 913204 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 913204 by changing the saturation by 10% instead.



 913204

 913204

 FFFFEF

 741800

 CE6536

 560000

 ED7F4E

 3A0000

 FF9967

 1D0001


 FFB581

 000000

 FFD19B

 FFEEB6

 FFFFD2

 913204

 913204

■ 912F00

■ 913C12

■ 914621

■ 914F2F

■ 91593E

■ 91634C

■ 916D5B

■ 917669

■ 918078

■ 918A86

# Harmonies

## Analogous

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



A11336



913204



724900

# Triad

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



913204



00643F



114DAB

# Complementary

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



913204



046391

# 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.



005CAF



913204



006570

# Square

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



913204



006007



006399



77338F

# Rectangle

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



913204



575400



006399



0053AF



# Sweetspot

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



913204



BD9886



910464



5E483D



DEDEDE



5E5E5E



# Same Dimension

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



913204



BD3E00



917704



474340



872C00



080200



# Inverse Universe

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



046391



007FBD



041E91



404547



005B87

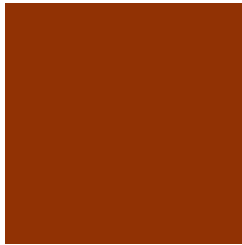


000508



# Previews

## White Background



This preview shows how the Hex color 913204 looks on a white background.

## Color Contrast Check

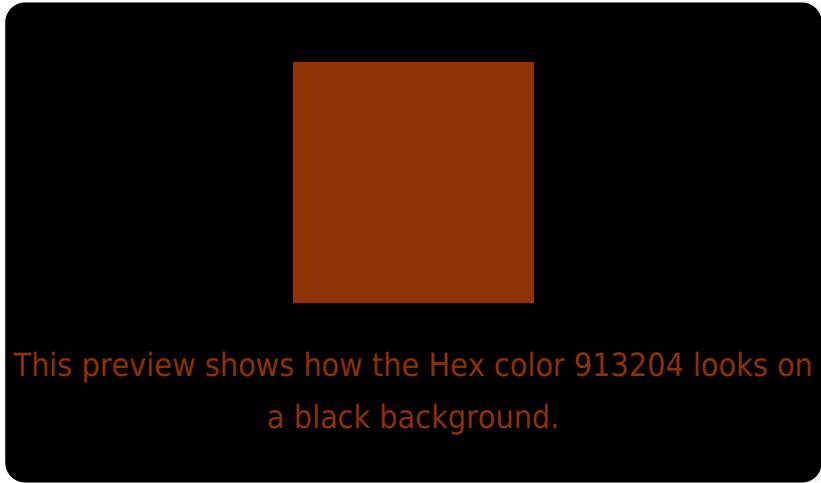
Large Text (above 18pt) WCAG AA ✓ Pass

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

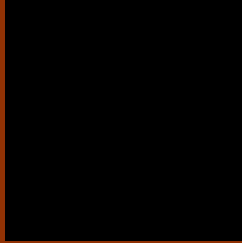
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 913204 Background



This preview shows how black text looks on a background with the Hex color 913204.



This preview shows how white text looks on a background with the Hex color 913204.

# 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**  
913204

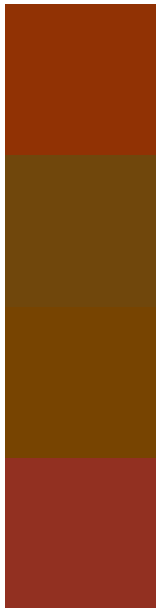
**Protanopia**  
5D5310

**Deuteranopia**  
684E00



**Tritanopia**  
922F31

# Trichromacy



**Original Color**  
913204

**Protanomaly**  
70470C

**Deuteranomaly**  
774401

**Tritanomaly**  
923021

# Monochromacy



**Original Color**  
913204

**Achromatopsia**  
494949

**Achromatomaly**  
634130

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 913204 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 #913204 looks like.

```
.text, #text, p{  
    color:#913204  
}
```

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 #913204 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #913204
}
```

## Border

The CSS property to change the border of an element to Hex 913204 is called "border". The border property can be set on classes, ids or directly on the HTML element.

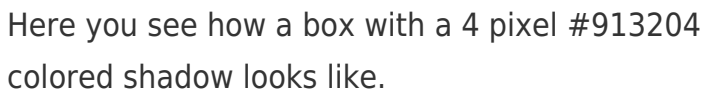
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#913204 }
```

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

```
.border{ border-color:#913204 }
```

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



Here you see how a box with a 4 pixel #913204 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #913204; -webkit-box-shadow:4px 4px  
4px 4px #913204; box-shadow:4px 4px 4px  
4px #913204 }
```

# Background

The CSS property to change the background color of an element to Hex 913204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#913204 }
```

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

```
.background{ background-color:#913204 }
```

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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