

# Converting Colors

Hex(892402)

Have a look what the booklet for  
Hex(892402) contains.

<b>Hex(892402)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(892402)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	892402
RGB	137, 36, 2
RGB Percent	54%, 14%, 1%
CMY	0.4627, 0.8588, 0.9922
CMYK	0.00, 0.74, 0.99, 0.46
HSL	15°, 97%, 27%
HSV	15°, 99%, 54%
XYZ	10.9584, 6.5845, 0.7508
YIQ	62.3230, 71.1100, 10.8380

# Conversions

## Conversions Part 2

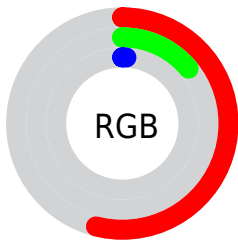
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 47, 2
Decimal	8987650
CIELab	30.84, 41.45, 42.44
CIElCh	31, 59.321, 45.673
Yxy	6.5845, 0.5990, 0.3599
Android (android.graphics.Color)	4287177730 (0xFF892402)
YUV	62.3230, -29.7392, 65.4917
Hunter-Lab	25.6603, 31.3239, 16.2274

# Details

The Hex color **892402** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **026789**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **C65832**, and **4E0000** is the 20% darker color. If you saturate the color by 10%, you get **892300**, and if you desaturate by 10%, it is **892E10**.

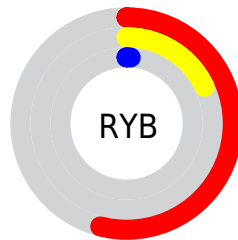
# Distribution



Red (54%)

Green (14%)

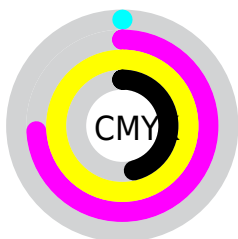
Blue (1%)



Red (54%)

Yellow (18%)

Blue (1%)

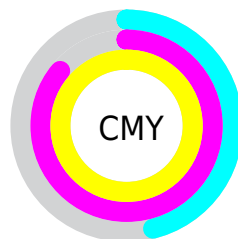


Cyan (0%)

Magenta (74%)

Yellow (99%)

Black (46%)



Cyan (46%)

Magenta (86%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 892402 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 892402 by changing the saturation by 10% instead.



 892402

 892402

 FFFFE9

 6C0300

 C65832

 4E0000

 E4724A

 350001

 FF8D62

 050000

 FFA87C

 000000

 FFC496

 FFE0B1

 FFFDCD

 892402

 892402

■ 892300

■ 892E10

■ 89381D

■ 89432B

■ 894D39

■ 895746

■ 896154

■ 896C62

■ 897670

■ 89807D

# Harmonies

## Analogous

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



970033



892402



6C3E00

# Triad

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



892402



005A30



0046A3

# Complementary

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



892402



026789

# 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.



0055A4



892402



005C61

# Square

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



892402



005600



005B8B



672D8A

# Rectangle

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



892402



524A00



005B8B



004CA6



# Sweetspot

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



892402



B38A7D



890267



594139



D9D9D9



595959



# Same Dimension

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



892402



B32D00



896702



45403E



852100



050100



# Inverse Universe

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



026789



0086B3



022489



3E4345



006385

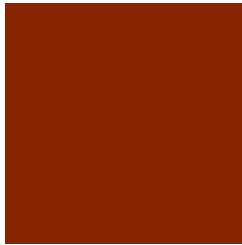


000405



# Previews

## White Background



This preview shows how the Hex color 892402 looks on a white background.

## Color Contrast Check

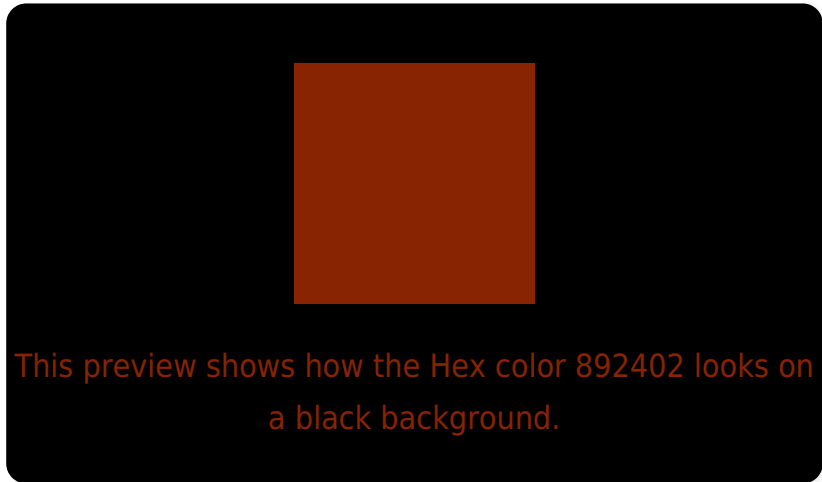
Large Text (above 18pt) WCAG AA ✓ Pass

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

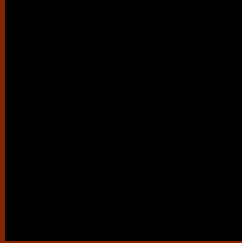
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 892402 Background



This preview shows how black text looks on a background with the Hex color 892402.



This preview shows how white text looks on a background with the Hex color 892402.

# 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**  
892402

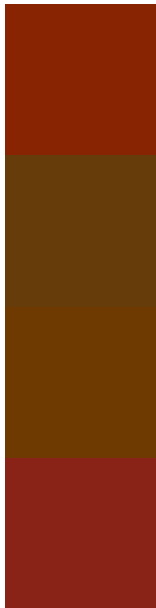
**Protanopia**  
534A10

**Deuteranopia**  
5E4600



**Tritanopia**  
892223

# Trichromacy



**Original Color**  
892402

**Protanomaly**  
673C0B

**Deuteranomaly**  
6E3A01

**Tritanomaly**  
892317

# Monochromacy



**Original Color**  
892402

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
593528

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 892402 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 #892402 looks like.

```
.text, #text, p{  
    color:#892402  
}
```

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 #892402 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #892402
}
```

## Border

The CSS property to change the border of an element to Hex 892402 is called "border". The border property can be set on classes, ids or directly on the HTML element.

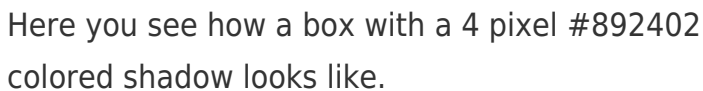
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#892402 }
```

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

```
.border{ border-color:#892402 }
```

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



Here you see how a box with a 4 pixel #892402 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #892402; -webkit-box-shadow:4px 4px  
4px 4px #892402; box-shadow:4px 4px 4px  
4px #892402 }
```

# Background

The CSS property to change the background color of an element to Hex 892402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#892402 }
```

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

```
.background{ background-color:#892402 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

**@ConvertingColor**