

# Converting Colors

Hex(842009)

Have a look what the booklet for  
Hex(842009) contains.

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**Color**

**Hex(842009)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	842009
RGB	132, 32, 9
RGB Percent	52%, 13%, 4%
CMY	0.4824, 0.8745, 0.9647
CMYK	0.00, 0.76, 0.93, 0.48
HSL	11°, 87%, 28%
HSV	11°, 93%, 52%
XYZ	10.0815, 5.9583, 0.8772
YIQ	59.2780, 66.9830, 14.0470

# Conversions

## Conversions Part 2

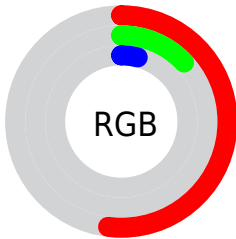
<b>Format</b>	<b>Color</b>
<b>RYB</b>	132, 37, 9
Decimal	8658953
CIELab	29.31, 41.39, 37.98
CIELCh	29, 56.180, 42.539
Yxy	5.9583, 0.5959, 0.3522
Android (android.graphics.Color)	4286849033 (0xFF842009)
YUV	59.2780, -24.7871, 63.7772
Hunter-Lab	24.4096, 31.0065, 14.9561

# Details

The Hex color **842009** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **096D84**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **C05437**, and **4A0000** is the 20% darker color. If you saturate the color by 10%, you get **841900**, and if you desaturate by 10%, it is **842B16**.

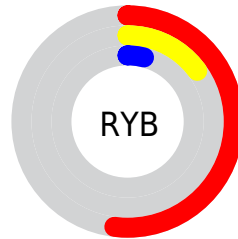
# Distribution



Red (52%)

Green (13%)

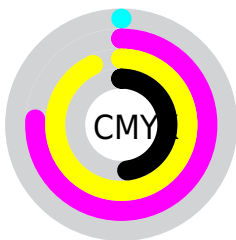
Blue (4%)



Red (52%)

Yellow (15%)

Blue (4%)

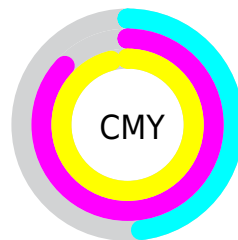


Cyan (0%)

Magenta (76%)

Yellow (93%)

Black (48%)



Cyan (48%)

Magenta (87%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 842009 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 842009 by changing the saturation by 10% instead.



 842009

 842009

 FFFFEE

 670000

 C05437

 4A0000

 DF6E4E

 310002

 FE8967

 000000

 FFA480

 FFC09A

 FFDCB5

 FFF9D1

 842009

 842009

■ 841900

■ 842B16

■ 843523

■ 844031

■ 844B3E

■ 84564B

■ 846058

■ 846B65

■ 847673

■ 848180

# Harmonies

## Analogous

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



8F0035



842009



6A3900

# Triad

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



842009



005629



00459B

# Complementary

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



842009



096D84

# 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.



005199



842009



005757

# Square

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



842009



045200



005680



5B2F86

# Rectangle

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



842009



524500



005680



004A9D



# Sweetspot

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



842009



AB847B



84096D



573F39



D6D6D6



575757



# Same Dimension

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



842009



AB2000



845D09



423D3C



821800



030000



# Inverse Universe

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



096D84



008BAB



093084



3C4142



006A82



000203



# Previews

## White Background



This preview shows how the Hex color 842009 looks on a white background.

## Color Contrast Check

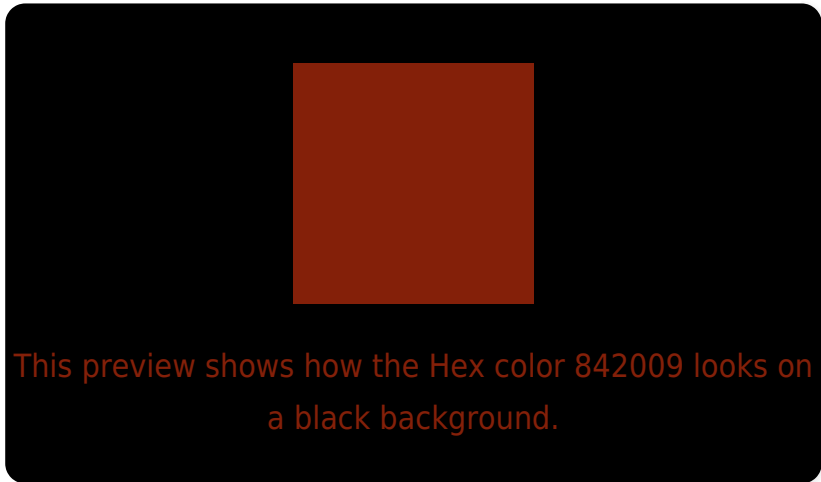
Large Text (above 18pt) WCAG AA ✓ Pass

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

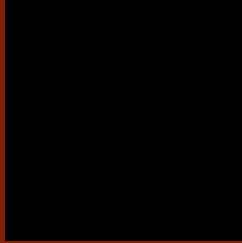
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 842009 Background



This preview shows how black text looks on a background with the Hex color 842009.



This preview shows how white text looks on a background with the Hex color 842009.

# 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**  
842009

**Protanopia**  
4F4713

**Deuteranopia**  
594300



**Tritanopia**  
841E1F

# Trichromacy



**Original Color**  
842009

**Protanomaly**  
62390F

**Deuteranomaly**  
693603

**Tritanomaly**  
841F17

# Monochromacy



**Original Color**  
842009

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
563129

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 842009 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 #842009 looks like.

```
.text, #text, p{  
    color:#842009  
}
```

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 #842009 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #842009
}
```

## Border

The CSS property to change the border of an element to Hex 842009 is called "border". The border property can be set on classes, ids or directly on the HTML element.

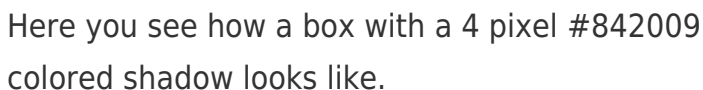
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#842009 }
```

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

```
.border{ border-color:#842009 }
```

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



Here you see how a box with a 4 pixel #842009 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #842009; -webkit-box-shadow:4px 4px  
4px 4px #842009; box-shadow:4px 4px 4px  
4px #842009 }
```

# Background

The CSS property to change the background color of an element to Hex 842009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#842009 }
```

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

```
.background{ background-color:#842009 }
```

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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