

# Converting Colors

Hex(840909)

Have a look what the booklet for  
Hex(840909) contains.

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**Color**

**Hex(840909)**

# Conversions

## Conversions Part 1

Format	Color
Hex	840909
RGB	132, 9, 9
RGB Percent	52%, 4%, 4%
CMY	0.4824, 0.9647, 0.9647
CMYK	0.00, 0.93, 0.93, 0.48
HSL	0°, 87%, 28%
HSV	0°, 93%, 52%
XYZ	9.6627, 5.1206, 0.7375
YIQ	45.7770, 73.3080, 26.0760

# Conversions

## Conversions Part 2

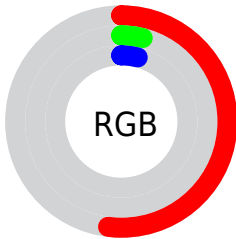
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 9, 9
Decimal	8653065
CIE <sub>Lab</sub>	27.08, 47.69, 36.13
CIE <sub>LCh</sub>	27, 59.830, 37.151
Yxy	5.1206, 0.6226, 0.3299
Android (android.graphics.Color)	4286843145 (0xFF840909)
YUV	45.7770, -18.1311, 75.6176
Hunter-Lab	22.6288, 36.6208, 13.9077

# Details

The Hex color **840909** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **098484**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **C14735**, and **490000** is the 20% darker color. If you saturate the color by 10%, you get **840000**, and if you desaturate by 10%, it is **841616**.

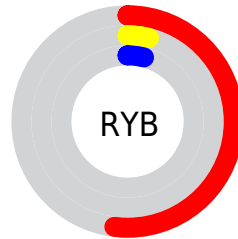
# Distribution



Red (52%)

Green (4%)

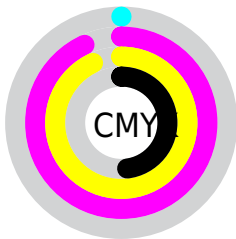
Blue (4%)



Red (52%)

Yellow (4%)

Blue (4%)

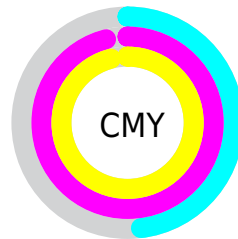


Cyan (0%)

Magenta (93%)

Yellow (93%)

Black (48%)



Cyan (48%)

Magenta (96%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 840909 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 840909 by changing the saturation by 10% instead.



 840909

 840909

 FFFFEB

 660000

 C14735

 490000

 E0624D

 2E0002

 FF7D65

 000000

 FF987E

 FFB498

 FFD0B3

 FFEDCF

 840909

 840909

■ 840000

■ 841616

■ 842323

■ 843131

■ 843E3E

■ 844B4B

■ 845858

■ 846565

■ 847373

■ 848080

# Harmonies

## Analogous

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



8C0037



840909



6B2F00

# Triad

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



840909



005019



00439D

# Complementary

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



840909



098484

# 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.



004E96



840909



00524A

# Square

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



840909



0C4C00



005277



492D8A

# Rectangle

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



840909



533D00



005277



00489D



# Sweetspot

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



840909



AB7B7B



840984



573939



D6D6D6



575757



# Same Dimension

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



840909



AB0000



844709



423C3C



820000



030000



# Inverse Universe

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



098484



00ABAB



094784



3C4242



008282

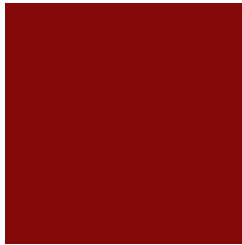


000303



# Previews

## White Background



This preview shows how the Hex color 840909 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 840909 Background



This preview shows how black text looks on a background with the Hex color 840909.



This preview shows how white text looks on a background with the Hex color 840909.

# 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**  
840909

**Protanopia**  
4B4315

**Deuteranopia**  
544000



**Tritanopia**  
840C00

# Trichromacy



**Original Color**  
840909

**Protanomaly**  
602E11

**Deuteranomaly**  
652C03

**Tritanomaly**  
840B03

# Monochromacy



**Original Color**  
840909

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
4D2121

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 840909 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 #840909 looks like.

```
.text, #text, p{  
    color:#840909  
}
```

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 #840909 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #840909
}
```

## Border

The CSS property to change the border of an element to Hex 840909 is called "border". The border property can be set on classes, ids or directly on the HTML element.

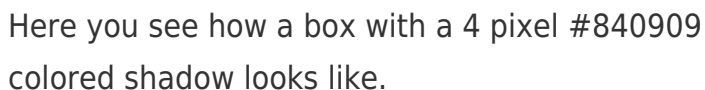
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#840909 }
```

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

```
.border{ border-color:#840909 }
```

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



Here you see how a box with a 4 pixel #840909 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #840909; -webkit-box-shadow:4px 4px  
4px 4px #840909; box-shadow:4px 4px 4px  
4px #840909 }
```

# Background

The CSS property to change the background color of an element to Hex 840909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#840909 }
```

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

```
.background{ background-color:#840909 }
```

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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