

# Converting Colors

Hex(832709)

Have a look what the booklet for  
Hex(832709) contains.

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**Color**

**Hex(832709)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	832709
RGB	131, 39, 9
RGB Percent	51%, 15%, 4%
CMY	0.4863, 0.8471, 0.9647
CMYK	0.00, 0.70, 0.93, 0.49
HSL	15°, 87%, 27%
HSV	15°, 93%, 51%
XYZ	10.1349, 6.2961, 0.9395
YIQ	63.0880, 64.4620, 10.1740

# Conversions

## Conversions Part 2

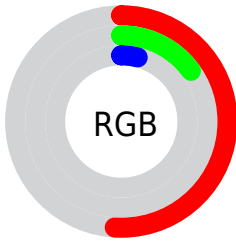
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 49, 9
Decimal	8595209
CIE Lab	30.15, 38.19, 38.54
CIE LCh	30, 54.255, 45.263
Yxy	6.2961, 0.5835, 0.3625
Android (android.graphics.Color)	4286785289 (0xFF832709)
YUV	63.0880, -26.6654, 59.5588
Hunter-Lab	25.0919, 28.1871, 15.3443

# Details

The Hex color **832709** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **096583**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **BF5A37**, and **490000** is the 20% darker color. If you saturate the color by 10%, you get **832000**, and if you desaturate by 10%, it is **833116**.

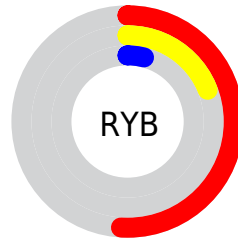
# Distribution



Red (51%)

Green (15%)

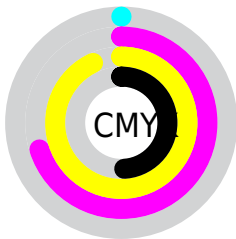
Blue (4%)



Red (51%)

Yellow (19%)

Blue (4%)

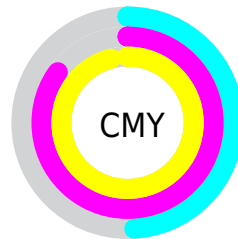


Cyan (0%)

Magenta (70%)

Yellow (93%)

Black (49%)



Cyan (49%)

Magenta (85%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 832709 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 832709 by changing the saturation by 10% instead.



 832709

 832709

 FFFFEF

 660A00

 BF5A37

 490000

 DD734F

 310002

 FC8E67

 000000

 FFA981

 FFC59B

 FFE1B6

 FFFED2

 832709

 832709

■ 832000

■ 833116

■ 833B23

■ 834530

■ 834F3D

■ 83584A

■ 836258

■ 836C65

■ 837672

■ 83807F

# Harmonies

## Analogous

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



8F0934



832709



693D00

# Triad

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



832709



005830



00459A

# Complementary

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



832709



096583

# 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.



00529A



832709



00595C

# Square

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



832709



005400



005883



622F83

# Rectangle

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



832709



514800



005883



004A9C



# Sweetspot

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



832709



AB877B



830967



574039



D6D6D6



575757



# Same Dimension

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



832709



AB2A00



836209



423D3C



822000



030100



# Inverse Universe

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



096583



0081AB



092A83



3C4142



006282



000203



# Previews

## White Background



This preview shows how the Hex color 832709 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 832709 Background



This preview shows how black text looks on a background with the Hex color 832709.



This preview shows how white text looks on a background with the Hex color 832709.

# 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**  
832709

**Protanopia**  
514912

**Deuteranopia**  
5B4500



# Trichromacy



**Original Color**  
832709

**Protanomaly**  
633D0F

**Deuteranomaly**  
6A3A03

**Tritanomaly**  
84251B

# Monochromacy



**Original Color**  
832709

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
58362B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 832709 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 #832709 looks like.

```
.text, #text, p{  
    color:#832709  
}
```

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 #832709 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #832709
}
```

## Border

The CSS property to change the border of an element to Hex 832709 is called "border". The border property can be set on classes, ids or directly on the HTML element.

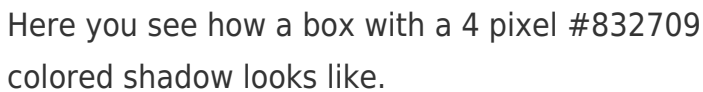
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#832709 }
```

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

```
.border{ border-color:#832709 }
```

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



Here you see how a box with a 4 pixel #832709 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #832709; -webkit-box-shadow:4px 4px  
4px 4px #832709; box-shadow:4px 4px 4px  
4px #832709 }
```

# Background

The CSS property to change the background color of an element to Hex 832709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#832709 }
```

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

```
.background{ background-color:#832709 }
```

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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