

# Converting Colors

Hex(852314)

Have a look what the booklet for  
Hex(852314) contains.

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# Color

**Hex(852314)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	852314
RGB	133, 35, 20
RGB Percent	52%, 14%, 8%
CMY	0.4784, 0.8627, 0.9216
CMYK	0.00, 0.74, 0.85, 0.48
HSL	8°, 74%, 30%
HSV	8°, 85%, 52%
XYZ	10.4002, 6.2391, 1.3179
YIQ	62.5920, 63.2230, 16.1110

# Conversions

## Conversions Part 2

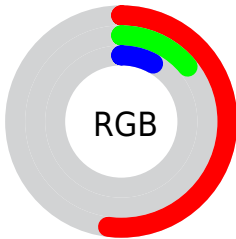
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 37, 20
Decimal	8725268
CIE <sub>Lab</sub>	30.01, 40.84, 33.40
CIE <sub>LCh</sub>	30, 52.761, 39.280
Yxy	6.2391, 0.5792, 0.3474
Android (android.graphics.Color)	4286915348 (0xFF852314)
YUV	62.5920, -20.9979, 61.7478
Hunter-Lab	24.9782, 30.6100, 14.3564

# Details

The Hex color **852314** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **147685**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **C05740**, and **4B0000** is the 20% darker color. If you saturate the color by 10%, you get **851707**, and if you desaturate by 10%, it is **852F21**.

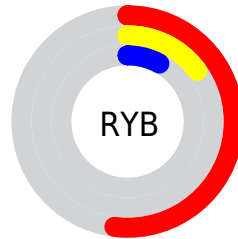
# Distribution



Red (52%)

Green (14%)

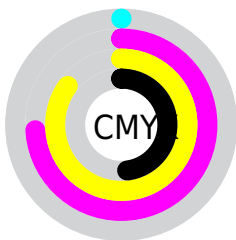
Blue (8%)



Red (52%)

Yellow (15%)

Blue (8%)

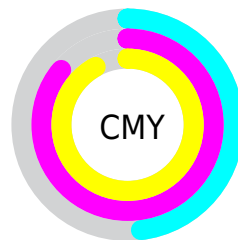


Cyan (0%)

Magenta (74%)

Yellow (85%)

Black (48%)



Cyan (48%)

Magenta (86%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 852314 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 852314 by changing the saturation by 10% instead.



 852314

 852314

 FFFFFFF9

 680200

 C05740

 4B0000

 DF7158

 330002

 FE8B71

 000000

 FFA78A

 FFC2A5

 FFDFC0

 FFFCDC

 852314

 852314

■ 851707

■ 852F21

■ 851200

■ 853A2F

■ 85463C

■ 855149

■ 855D57

■ 856864

■ 857471

■ 857F7E

■ 858B8C

# Harmonies

## Analogous

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



8D0B3C



852314



6E3A00

# Triad

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



852314



005628



004899

# Complementary

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



852314



147685

# 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.



005394



852314



005853

# Square

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



852314



1B5200



00577A



563587

# Rectangle

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



852314



584500



00577A



004C9A



# Sweetspot

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



852314



AD8882



851478



57403D



D6D6D6



575757



# Same Dimension

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



852314



AD1700



855A14



423D3C



821100



030000



# Inverse Universe

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



147685



0096AD



143F85



3C4142



007182



000203



# Previews

## White Background



This preview shows how the Hex color 852314 looks on a white background.

## Color Contrast Check

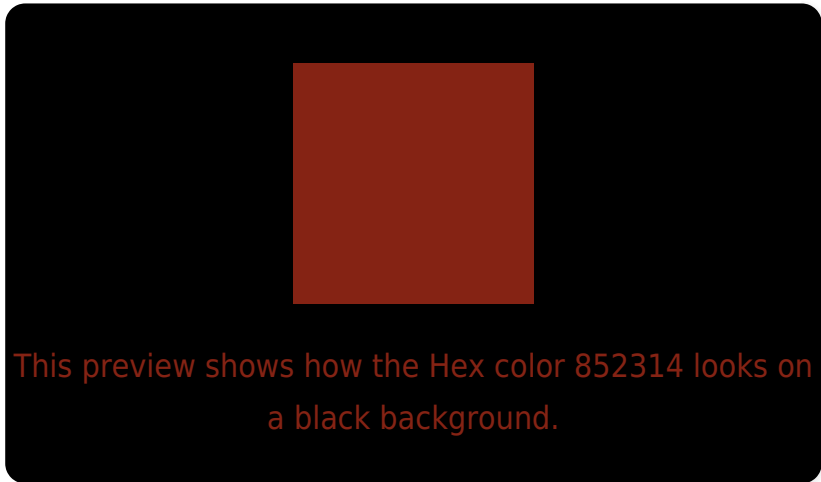
Large Text (above 18pt) WCAG AA ✓ Pass

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

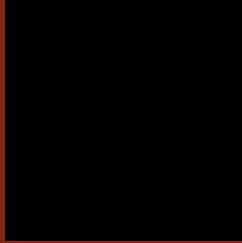
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 852314 Background



This preview shows how black text looks on a background with the Hex color 852314.



This preview shows how white text looks on a background with the Hex color 852314.

# 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**  
852314

**Protanopia**  
50481D

**Deuteranopia**  
5B4400



# Trichromacy



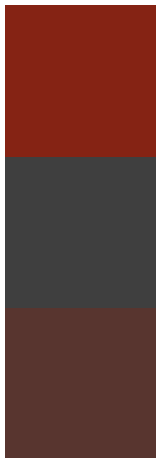
**Original Color**  
852314

**Protanomaly**  
633B1A

**Deuteranomaly**  
6A3807

**Tritanomaly**  
85221D

# Monochromacy



**Original Color**  
852314

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
58352F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 852314 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 #852314 looks like.

```
.text, #text, p{  
    color:#852314  
}
```

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 #852314 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #852314
}
```

## Border

The CSS property to change the border of an element to Hex 852314 is called "border". The border property can be set on classes, ids or directly on the HTML element.

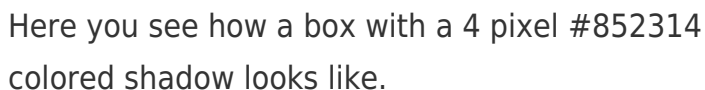
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#852314 }
```

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

```
.border{ border-color:#852314 }
```

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



Here you see how a box with a 4 pixel #852314 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #852314; -webkit-box-shadow:4px 4px  
4px 4px #852314; box-shadow:4px 4px 4px  
4px #852314 }
```

# Background

The CSS property to change the background color of an element to Hex 852314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#852314 }
```

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

```
.background{ background-color:#852314 }
```

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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