

# Converting Colors

Hex(854614)

Have a look what the booklet for  
Hex(854614) contains.

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**Color**

**Hex(854614)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	854614
RGB	133, 70, 20
RGB Percent	52%, 27%, 8%
CMY	0.4784, 0.7255, 0.9216
CMYK	0.00, 0.47, 0.85, 0.48
HSL	27°, 74%, 30%
HSV	27°, 85%, 52%
XYZ	11.9893, 9.4174, 1.8476
YIQ	83.1370, 53.5980, -2.1940

# Conversions

## Conversions Part 2

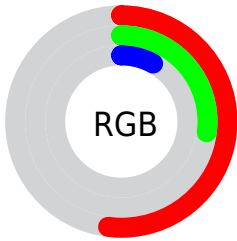
Format	Color
<b>R<sub>YB</sub></b>	133, 110, 20
Decimal	8734228
CIE Lab	36.78, 23.28, 39.60
CIE LCh	37, 45.933, 59.552
Yxy	9.4174, 0.5156, 0.4050
Android (android.graphics.Color)	4286924308 (0xFF854614)
YUV	83.1370, -31.1265, 43.7299
Hunter-Lab	30.6877, 16.0341, 17.9117

# Details

The Hex color **854614** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **145385**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **BF7743**, and **4D1900** is the 20% darker color. If you saturate the color by 10%, you get **853F07**, and if you desaturate by 10%, it is **854D21**.

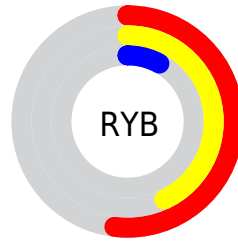
# Distribution



Red (52%)

Green (27%)

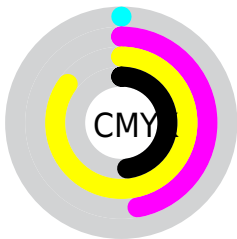
Blue (8%)



Red (52%)

Yellow (43%)

Blue (8%)

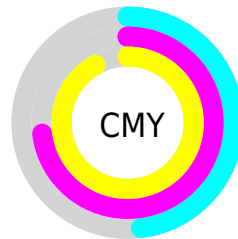


Cyan (0%)

Magenta (47%)

Yellow (85%)

Black (48%)



Cyan (48%)

Magenta (73%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 854614 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 854614 by changing the saturation by 10% instead.



 854614

 854614

FFFFFF

 692F00

 BF7743

 4D1900

 DD915C

 330300

 FBAC75

 150000

 FFC78F

 000000

 FFE3AA

 FFFFC6

 FFFFEE

 854614

 854614

■ 853F07

■ 854D21

■ 853B00

■ 85552F

■ 855C3C

■ 856449

■ 856B57

■ 857264

■ 857A71

■ 85817E

■ 85898C

# Harmonies

## Analogous

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



963634



854614



695500

# Triad

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



854614



006755



544D97

# Complementary

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



854614



145385

# 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.



005BA1



854614



00677A

# Square

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



854614



00652F



006496



823C7D

# Rectangle

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



854614



515C01



006496



3B529D



# Sweetspot

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



854614



AD9582



851454



57483D



D6D6D6



575757



# Same Dimension

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



854614



AD4D00



857D14



423F3C



823A00



030100



# Inverse Universe

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



145385



0061AD



141C85



3C3F42



004982



000103



# Previews

## White Background



This preview shows how the Hex color 854614 looks on a white background.

## Color Contrast Check

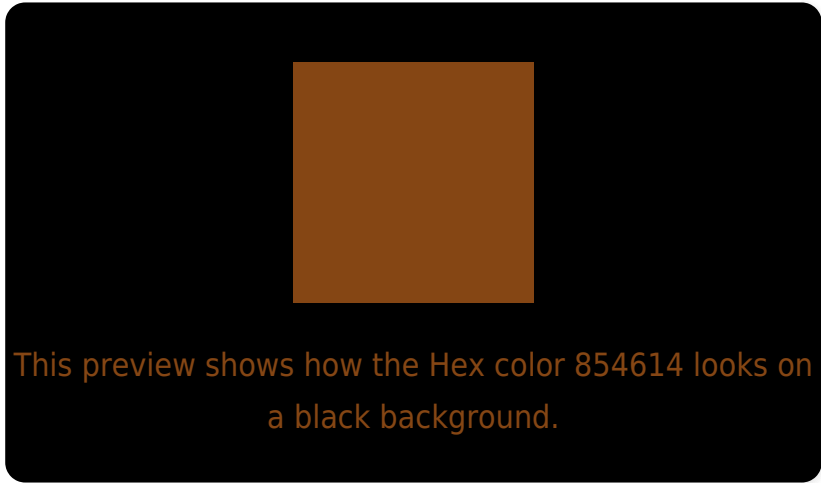
Large Text (above 18pt) WCAG AA ✓ Pass

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 854614 Background



This preview shows how black text looks on a background with the Hex color 854614.



This preview shows how white text looks on a background with the Hex color 854614.

# 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**  
854614

**Protanopia**  
625718

**Deuteranopia**  
6E530D



**Tritanopia**  
874146

# Trichromacy



**Original Color**  
854614

**Protanomaly**  
6F5117

**Deuteranomaly**  
764E10

**Tritanomaly**  
864334

# Monochromacy



**Original Color**  
854614

**Achromatopsia**  
535353

**Achromatomaly**  
654E3C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 854614 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 #854614 looks like.

```
.text, #text, p{  
    color:#854614  
}
```

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 #854614 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #854614
}
```

## Border

The CSS property to change the border of an element to Hex 854614 is called "border". The border property can be set on classes, ids or directly on the HTML element.

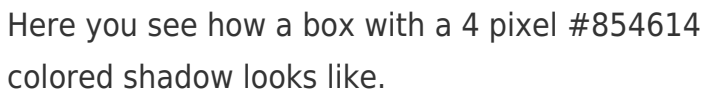
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#854614 }
```

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

```
.border{ border-color:#854614 }
```

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



Here you see how a box with a 4 pixel #854614 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #854614; -webkit-box-shadow:4px 4px  
4px 4px #854614; box-shadow:4px 4px 4px  
4px #854614 }
```

# Background

The CSS property to change the background color of an element to Hex 854614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#854614 }
```

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

```
.background{ background-color:#854614 }
```

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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