

# Converting Colors

Hex(854820)

Have a look what the booklet for  
Hex(854820) contains.

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**Color**

**Hex(854820)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	854820
RGB	133, 72, 32
RGB Percent	52%, 28%, 13%
CMY	0.4784, 0.7176, 0.8745
CMYK	0.00, 0.46, 0.76, 0.48
HSL	24°, 61%, 32%
HSV	24°, 76%, 52%
XYZ	12.2509, 9.7256, 2.5980
YIQ	85.6790, 49.1960, 0.4920

# Conversions

## Conversions Part 2

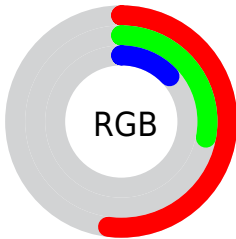
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 98, 32
Decimal	8734752
CIE Lab	37.35, 22.63, 34.40
CIE LCh	37, 41.175, 56.656
Yxy	9.7256, 0.4985, 0.3958
Android (android.graphics.Color)	4286924832 (0xFF854820)
YUV	85.6790, -26.4637, 41.5005
Hunter-Lab	31.1858, 15.5462, 16.8908

# Details

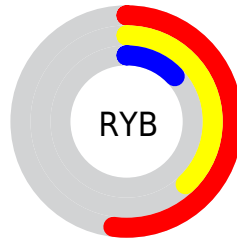
The Hex color **854820** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **205D85**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **BE794E**, and **4E1A00** is the 20% darker color. If you saturate the color by 10%, you get **854013**, and if you desaturate by 10%, it is **85502D**.

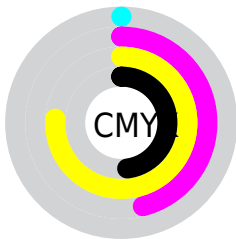
# Distribution



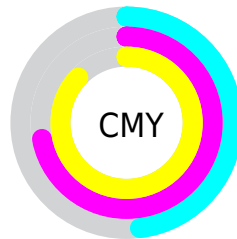
- Red (52%)
- Green (28%)
- Blue (13%)



- Red (52%)
- Yellow (38%)
- Blue (13%)



- Cyan (0%)
- Magenta (46%)
- Yellow (76%)
- Black (48%)



- Cyan (48%)
- Magenta (72%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 854820 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 854820 by changing the saturation by 10% instead.



 854820

 854820

FFFFFF

 693109

 BE794E

 4E1A00

 DC9367

 330500

 FAAE81

 180001

 FFCA9B

 000000

 FFE6B6

 FFFFD2

 FFFFEE

 854820

 854820

■ 854013

■ 85502D

■ 853805

■ 85583B

■ 853500

■ 856048

■ 856855

■ 857063

■ 857870

■ 85807D

■ 85888A

■ 859098

# Harmonies

## Analogous

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



933C3C



854820



6C550E

# Triad

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



854820



006753



515193

# Complementary

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



854820



205D85

# 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.



005D9A



854820



006775

# Square

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



854820



1D6531



00648F



7D427D

# Rectangle

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



854820



575C11



00648F



3C5598



# Sweetspot

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



854820



AD9586



85205E



57483E



D6D6D6



575757



# Same Dimension

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



854820



AD4E10



857920



423E3C



823400



030100



# Inverse Universe

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



205D85



106FAD



202C85



3C4042



004F82



000203



# Previews

## White Background



This preview shows how the Hex color 854820 looks on a white background.

## Color Contrast Check

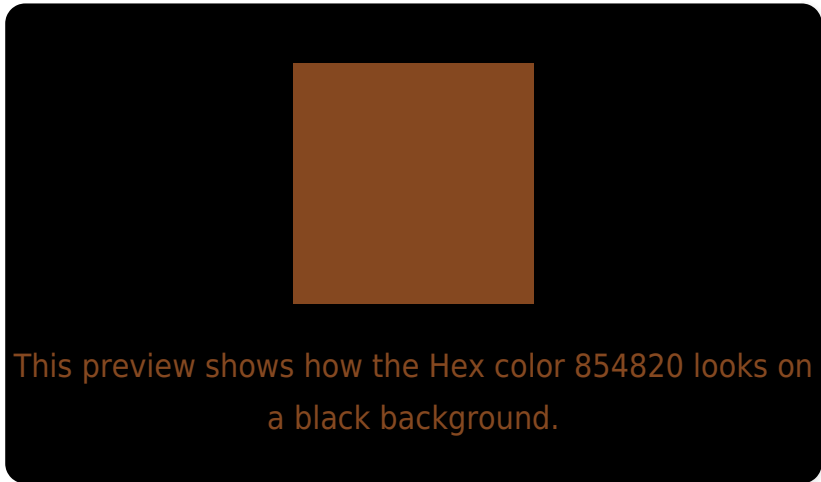
Large Text (above 18pt) WCAG AA ✓ Pass

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 854820 Background



This preview shows how black text looks on a background with the Hex color 854820.



This preview shows how white text looks on a background with the Hex color 854820.

# 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**  
854820

**Protanopia**  
635925

**Deuteranopia**  
6F541C



**Tritanopia**  
874448

# Trichromacy



**Original Color**  
854820

**Protanomaly**  
6F5323

**Deuteranomaly**  
77501D

**Tritanomaly**  
864539

# Monochromacy



**Original Color**  
854820

**Achromatopsia**  
565656

**Achromatomaly**  
675142

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 854820 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 #854820 looks like.

```
.text, #text, p{  
    color:#854820  
}
```

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 #854820 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #854820
}
```

## Border

The CSS property to change the border of an element to Hex 854820 is called "border". The border property can be set on classes, ids or directly on the HTML element.

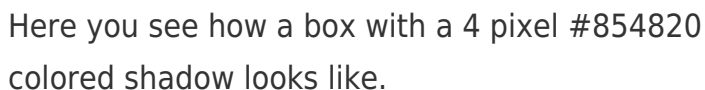
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#854820 }
```

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

```
.border{ border-color:#854820 }
```

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



Here you see how a box with a 4 pixel #854820 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #854820; -webkit-box-shadow:4px 4px  
4px 4px #854820; box-shadow:4px 4px 4px  
4px #854820 }
```

# Background

The CSS property to change the background color of an element to Hex 854820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#854820 }
```

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

```
.background{ background-color:#854820 }
```

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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