

# Converting Colors

Hex(865434)

Have a look what the booklet for  
Hex(865434) contains.

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**Color**

**Hex(865434)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	865434
RGB	134, 84, 52
RGB Percent	53%, 33%, 20%
CMY	0.4745, 0.6706, 0.7961
CMYK	0.00, 0.37, 0.61, 0.47
HSL	23°, 44%, 36%
HSV	23°, 61%, 53%
XYZ	13.6217, 11.6569, 4.7809
YIQ	95.3020, 40.0720, 0.6480

# Conversions

## Conversions Part 2

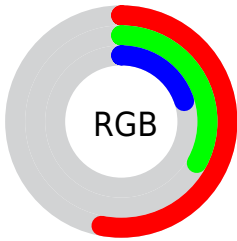
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 104, 52
Decimal	8803380
CIELab	40.67, 17.41, 27.14
CIElCh	41, 32.245, 57.322
Yxy	11.6569, 0.4532, 0.3878
Android (android.graphics.Color)	4286993460 (0xFF865434)
YUV	95.3020, -21.3479, 33.9381
Hunter-Lab	34.1422, 11.4670, 15.5973

# Details

The Hex color **865434** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **346686**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **BE8663**, and **512607** is the 20% darker color. If you saturate the color by 10%, you get **864C27**, and if you desaturate by 10%, it is **865C41**.

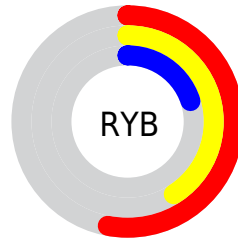
# Distribution



Red (53%)

Green (33%)

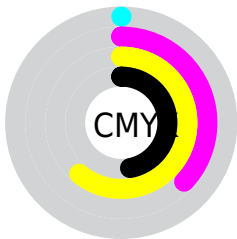
Blue (20%)



Red (53%)

Yellow (41%)

Blue (20%)

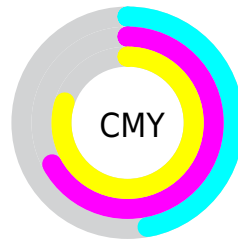


Cyan (0%)

Magenta (37%)

Yellow (61%)

Black (47%)



Cyan (47%)

Magenta (67%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 865434 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 865434 by changing the saturation by 10% instead.



 865434

 865434

FFFFFF

 6B3D1E

 BE8663

 512607

 DBA07C

 371100

 F8BB97

 210000

 FFD7B1

 000000

 FFF4CD

 FFFFE9

 865434

 865434

 864C27

 865C41

■ 864419

■ 86644F

■ 863B0C

■ 866D5C

■ 863400

■ 86756A

■ 867D77

■ 868584

■ 868D92

■ 86959F

■ 869EAD

# Harmonies

## Analogous

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



914C49



865434



725E2A

# Triad

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



865434



006D5D



5E5A8F

# Complementary

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



865434



346686

# 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.



2B6394



865434



006D77

# Square

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



865434



376B42



006A8C



7E507D

# Rectangle

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



865434



61632C



006A8C



505D92



# Sweetspot

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



865434



AD9A8E



863467



574B44



D6D6D6



575757



# Same Dimension

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



865434



AD602F



867C34



423E3C



823300



030100



# Inverse Universe

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



346686



2F7CAD



343E86



3C4042



004F82



000203



# Previews

## White Background



This preview shows how the Hex color 865434 looks on a white background.

## Color Contrast Check

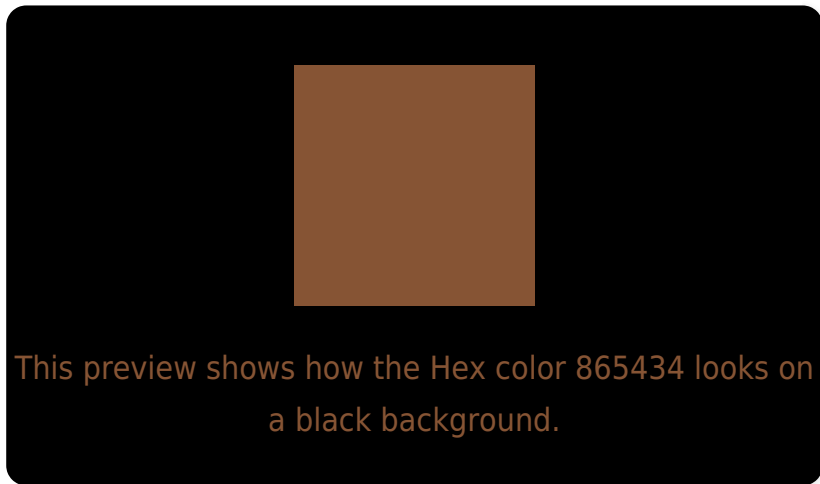
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

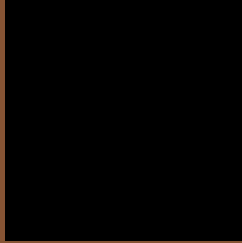
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 865434 Background



This preview shows how black text looks on a background with the Hex color 865434.



This preview shows how white text looks on a background with the Hex color 865434.

# 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**  
865434

**Protanopia**  
6A6038

**Deuteranopia**  
765C32



**Tritanopia**  
885056

# Trichromacy



**Original Color**  
865434

**Protanomaly**  
745C37

**Deuteranomaly**  
7C5933

**Tritanomaly**  
87514A

# Monochromacy



**Original Color**  
865434

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
6D5B4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 865434 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 #865434 looks like.

```
.text, #text, p{  
    color:#865434  
}
```

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 #865434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #865434
}
```

## Border

The CSS property to change the border of an element to Hex 865434 is called "border". The border property can be set on classes, ids or directly on the HTML element.

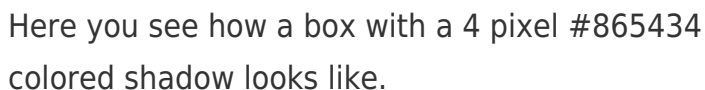
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#865434 }
```

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

```
.border{ border-color:#865434 }
```

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



Here you see how a box with a 4 pixel #865434 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #865434; -webkit-box-shadow:4px 4px  
4px 4px #865434; box-shadow:4px 4px 4px  
4px #865434 }
```

# Background

The CSS property to change the background color of an element to Hex 865434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#865434 }
```

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

```
.background{ background-color:#865434 }
```

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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