

Converting Colors

Hex(865413)

Have a look what the booklet for
Hex(865413) contains.

Hex(865413)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(865413)

Conversions

Conversions Part 1

Format	Color
Hex	865413
RGB	134, 84, 19
RGB Percent	53%, 33%, 7%
CMY	0.4745, 0.6706, 0.9255
CMYK	0.00, 0.37, 0.86, 0.47
HSL	34°, 75%, 30%
HSV	34°, 86%, 53%
XYZ	13.1194, 11.4560, 2.1359
YIQ	91.5400, 50.6650, -9.6150

Conversions

Conversions Part 2

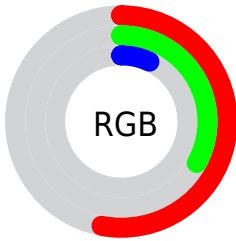
Format	Color
R_{YB}	107, 134, 19
Decimal	8803347
CIE _{Lab}	40.34, 15.56, 43.20
CIE _{LCh}	40, 45.915, 70.184
Yxy	11.4560, 0.4912, 0.4289
Android (android.graphics.Color)	4286993427 (0xFF865413)
YUV	91.5400, -35.7622, 37.2374
Hunter-Lab	33.8467, 9.9570, 19.9513

Details

The Hex color **865413** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **134586**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **BF8644**, and **4F2700** is the 20% darker color. If you saturate the color by 10%, you get **864E06**, and if you desaturate by 10%, it is **865A20**.

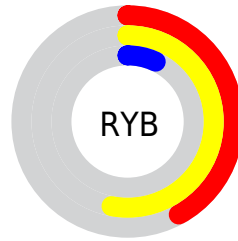
Distribution



Red (53%)

Green (33%)

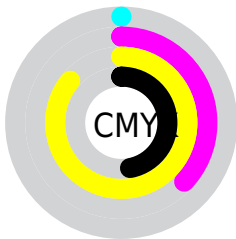
Blue (7%)



Red (42%)

Yellow (53%)

Blue (7%)

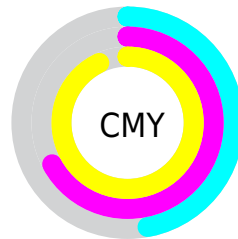


Cyan (0%)

Magenta (37%)

Yellow (86%)

Black (47%)



Cyan (47%)

Magenta (67%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 865413 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 865413 by changing the saturation by 10% instead.

 865413

 865413

FFFFFF

 6A3D00

 BF8644

 4F2700

 DDA05D

 351200

 FB8B77

 1E0001

 FFD791

 000000

 FFF3AC

 FFFFC8

 FFFFE4

 865413

 865413

■ 864E06

■ 865A20

■ 864C00

■ 86602E

■ 86653B

■ 866B49

■ 867156

■ 867763

■ 867D71

■ 86837E

■ 86888C

Harmonies

Analogous

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



9C4430



865413



666107

Triad

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



865413



00716B



714F99

Complementary

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



865413



134586

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.



245FA9



865413



006F8F

Square

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



865413



006F44



006AA6



964079

Rectangle

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



865413



4C6817



006AA6



5F55A0

Sweetspot

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



865413



AD9A80



861347



574B3C



D6D6D6



575757

Same Dimension

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



865413



AD6200



808613



423F3C



824A00



030100

Inverse Universe

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



134586



004BAD



191386



3C3F42



003982



000103

Previews

White Background



This preview shows how the Hex color 865413 looks on a white background.

Color Contrast Check

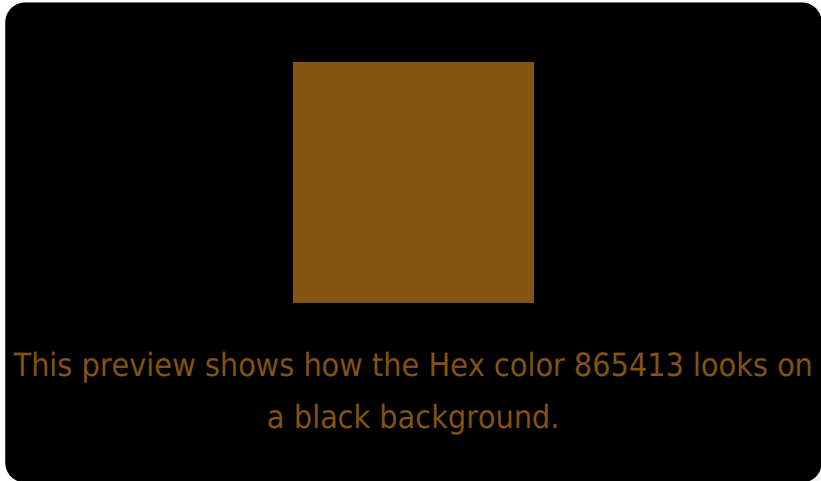
Large Text (above 18pt) WCAG AA ✓ Pass

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 865413 Background



This preview shows how black text looks on a background with the Hex color 865413.



This preview shows how white text looks on a background with the Hex color 865413.

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
865413

Protanopia
6B6016

Deuteranopia
795B0F



Tritanopia
894E54

Trichromacy



Original Color
865413

Protanomaly
755C15

Deuteranomaly
7E5810

Tritanomaly
88503C

Monochromacy



Original Color
865413

Achromatopsia
5C5C5C

Achromatomaly
6B5941

CSS Examples

Text

The CSS property to change the color of the text to Hex 865413 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 #865413 looks like.

```
.text, #text, p{  
    color:#865413  
}
```

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 #865413 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #865413
}
```

Border

The CSS property to change the border of an element to Hex 865413 is called "border". The border property can be set on classes, ids or directly on the HTML element.

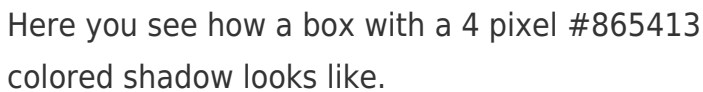
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#865413 }
```

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

```
.border{ border-color:#865413 }
```

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



Here you see how a box with a 4 pixel #865413 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #865413; -webkit-box-shadow:4px 4px  
4px 4px #865413; box-shadow:4px 4px 4px  
4px #865413 }
```

Background

The CSS property to change the background color of an element to Hex 865413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#865413 }
```

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

```
.background{ background-color:#865413 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor