

# Converting Colors

Hex(853406)

Have a look what the booklet for  
Hex(853406) contains.

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**Color**

**Hex(853406)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	853406
RGB	133, 52, 6
RGB Percent	52%, 20%, 2%
CMY	0.4784, 0.7961, 0.9765
CMYK	0.00, 0.61, 0.95, 0.48
HSL	22°, 91%, 27%
HSV	22°, 95%, 52%
XYZ	10.9337, 7.4557, 1.0351
YIQ	70.9750, 63.0420, 2.8660

# Conversions

## Conversions Part 2

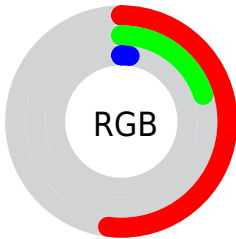
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">133, 78, 6</a>
Decimal	<a href="#">8729606</a>
CIELab	<a href="#">32.82, 32.73, 41.81</a>
CIElCh	<a href="#">33, 53.096, 51.944</a>
Yxy	<a href="#">7.4557, 0.5629, 0.3838</a>
Android (android.graphics.Color)	<a href="#">4286919686 (0xFF853406)</a>
YUV	<a href="#">70.9750, -32.0327, 54.3959</a>
Hunter-Lab	<a href="#">27.3051, 23.6926, 16.8659</a>

# Details

The Hex color **853406** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **065785**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **C06537**, and **4C0100** is the 20% darker color. If you saturate the color by 10%, you get **853000**, and if you desaturate by 10%, it is **853C13**.

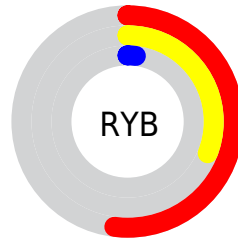
# Distribution



Red (52%)

Green (20%)

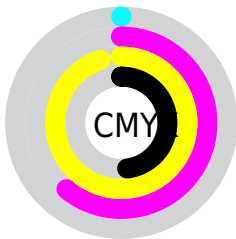
Blue (2%)



Red (52%)

Yellow (31%)

Blue (2%)

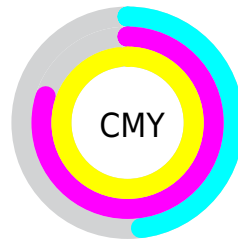


Cyan (0%)

Magenta (61%)

Yellow (95%)

Black (48%)



Cyan (48%)

Magenta (80%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 853406 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 853406 by changing the saturation by 10% instead.



 853406

 853406

 FFFFEF

 681C00

 C06537

 4C0100

 DF7F4F

 320000

 FD9A68

 050000

 FFB581

 000000

 FFD19C

 FFEDB7

 FFFFD3

 853406

 853406

■ 853000

■ 853C13

■ 854521

■ 854D2E

■ 85563B

■ 855E49

■ 856756

■ 856F63

■ 857870

■ 85807E

# Harmonies

## Analogous

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



951D31



853406



684700

# Triad

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



853406



005F40



2C479C

# Complementary

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



853406



065785

# 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.



0056A1



853406



005F6B

# Square

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



853406



005B13



005D8F



733182

# Rectangle

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



853406



505100



005D8F



004DA0



# Sweetspot

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



853406



AD8D7B



850659



574338



D6D6D6



575757



# Same Dimension

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



853406



AD3F00



857206



423E3C



822F00



030100



# Inverse Universe

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



065785



006FAD



061985



3C4042



005382



000203



# Previews

## White Background



This preview shows how the Hex color 853406 looks on a white background.

## Color Contrast Check

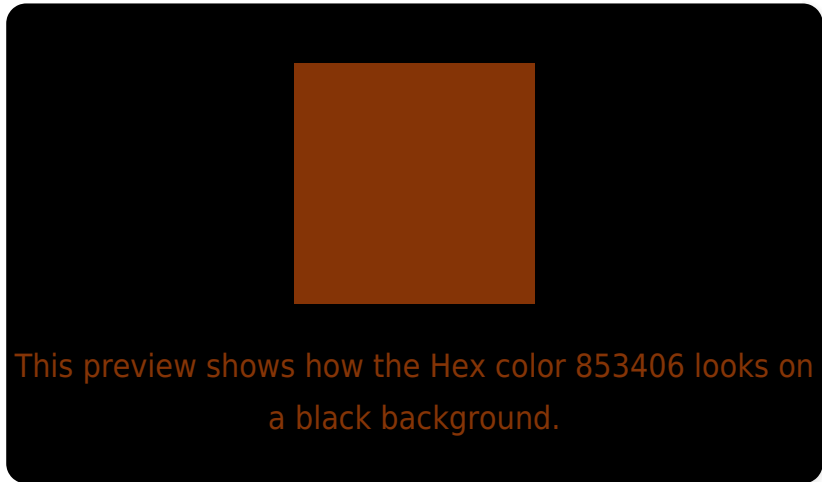
Large Text (above 18pt) WCAG AA ✓ Pass

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 853406 Background



This preview shows how black text looks on a background with the Hex color 853406.



This preview shows how white text looks on a background with the Hex color 853406.

# 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**  
853406

**Protanopia**  
584E0F

**Deuteranopia**  
634A00



**Tritanopia**  
863033

# Trichromacy



**Original Color**  
853406

**Protanomaly**  
68450C

**Deuteranomaly**  
6F4202

**Tritanomaly**  
863123

# Monochromacy



**Original Color**  
853406

**Achromatopsia**  
474747

**Achromatomaly**  
5E402F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 853406 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 #853406 looks like.

```
.text, #text, p{  
    color:#853406  
}
```

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 #853406 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #853406
}
```

## Border

The CSS property to change the border of an element to Hex 853406 is called "border". The border property can be set on classes, ids or directly on the HTML element.

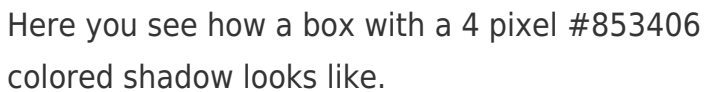
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#853406 }
```

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

```
.border{ border-color:#853406 }
```

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



Here you see how a box with a 4 pixel #853406 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #853406; -webkit-box-shadow:4px 4px  
4px 4px #853406; box-shadow:4px 4px 4px  
4px #853406 }
```

# Background

The CSS property to change the background color of an element to Hex 853406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#853406 }
```

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

```
.background{ background-color:#853406 }
```

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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