

# Converting Colors

Hex(866936)

Have a look what the booklet for  
Hex(866936) contains.

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**Color**

**Hex(866936)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	866936
RGB	134, 105, 54
RGB Percent	53%, 41%, 21%
CMY	0.4745, 0.5882, 0.7882
CMYK	0.00, 0.22, 0.60, 0.47
HSL	38°, 43%, 37%
HSV	38°, 60%, 53%
XYZ	15.5489, 15.4378, 5.6503
YIQ	107.8570, 33.6550, -9.7130

# Conversions

## Conversions Part 2

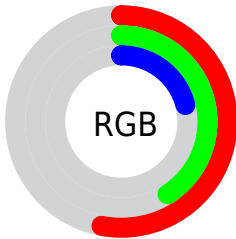
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	99, 134, 54
Decimal	8808758
CIE Lab	46.23, 5.23, 32.69
CIE LCh	46, 33.107, 80.905
Yxy	15.4378, 0.4244, 0.4214
Android (android.graphics.Color)	4286998838 (0xFF866936)
YUV	107.8570, -26.5515, 22.9274
Hunter-Lab	39.2910, 1.8800, 18.9774

# Details

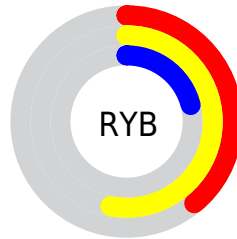
The Hex color **866936** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **365386**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **BD9C66**, and **513A07** is the 20% darker color. If you saturate the color by 10%, you get **866429**, and if you desaturate by 10%, it is **866E43**.

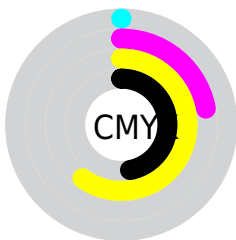
# Distribution



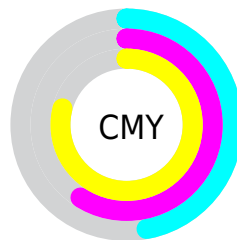
- Red (53%)
- Green (41%)
- Blue (21%)



- Red (39%)
- Yellow (53%)
- Blue (21%)



- Cyan (0%)
- Magenta (22%)
- Yellow (60%)
- Black (47%)



- Cyan (47%)
- Magenta (59%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 866936 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 866936 by changing the saturation by 10% instead.





866936



866936

FFFFFF



6B511F



BD9C66



513A07



DAB780



392500



F7D29A



201000



FFEFB5



000000



FFFFD1



FFFFED



866936



866936



866429



866E43

■ 865F1B

■ 867351

■ 865A0E

■ 86785E

■ 865600

■ 867C6C

■ 865500

■ 868179

■ 868686

■ 868B94

■ 8690A1

■ 8695AF

# Harmonies

## Analogous

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



9A5F43



866936



6B7238

# Triad

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



866936



007C80



885F91

# Complementary

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



866936



365386

# 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.



636AA1



866936



007998

# Square

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



866936



1D7B64



2C73A4



9D5877

# Rectangle

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



866936



577642



2C73A4



7D6298



# Sweetspot

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



866936



ADA28E



863653



575044



D6D6D6



575757



# Same Dimension

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



866936



AD8031



7B8636



42403C



825300



030200



# Inverse Universe

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



365386



315EAD



413686



3C3E42



002F82



000103



# Previews

## White Background



This preview shows how the Hex color 866936 looks on a white background.

## Color Contrast Check

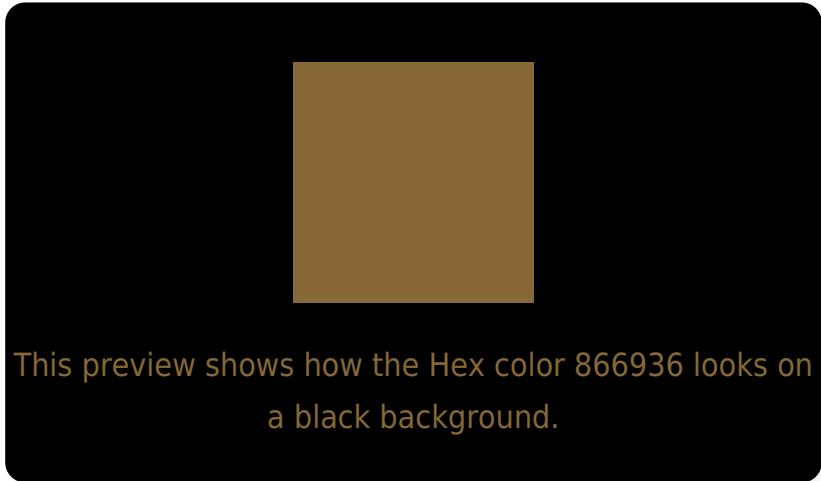
Large Text (above 18pt) WCAG AA ✓ Pass

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

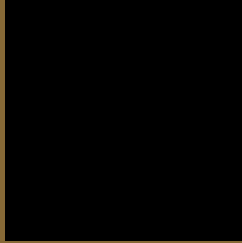
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 866936 Background



This preview shows how black text looks on a background with the Hex color 866936.



This preview shows how white text looks on a background with the Hex color 866936.

# 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**  
866936

**Protanopia**  
796E38

**Deuteranopia**  
876936



**Tritanopia**  
8A636B

# Trichromacy



**Original Color**  
866936

**Protanomaly**  
7E6C37

**Deuteranomaly**  
876936

**Tritanomaly**  
896558

# Monochromacy



**Original Color**  
866936

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
756B58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 866936 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 #866936 looks like.

```
.text, #text, p{  
    color:#866936  
}
```

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 #866936 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #866936
}
```

## Border

The CSS property to change the border of an element to Hex 866936 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
#866936 }
```

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

```
.border{ border-color:#866936 }
```

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

Here you see how a box with a 4 pixel #866936 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #866936; -webkit-box-shadow:4px 4px  
4px 4px #866936; box-shadow:4px 4px 4px  
4px #866936 }
```

# Background

The CSS property to change the background color of an element to Hex 866936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#866936 }
```

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

```
.background{ background-color:#866936 }
```

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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