

# Converting Colors

Hex(836658)

Have a look what the booklet for  
Hex(836658) contains.

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**Color**

**Hex(836658)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	836658
RGB	131, 102, 88
RGB Percent	51%, 40%, 35%
CMY	0.4863, 0.6000, 0.6549
CMYK	0.00, 0.22, 0.33, 0.49
HSL	20°, 20%, 43%
HSV	20°, 33%, 51%
XYZ	15.8729, 15.0326, 11.2975
YIQ	109.0750, 21.7780, 1.7940

# Conversions

## Conversions Part 2

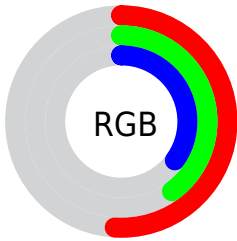
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 109, 88
Decimal	8611416
CIE <sub>Lab</sub>	45.68, 9.49, 12.36
CIE <sub>LCh</sub>	46, 15.583, 52.497
Yxy	15.0326, 0.3761, 0.3562
Android (android.graphics.Color)	4286801496 (0xFF836658)
YUV	109.0750, -10.3900, 19.2282
Hunter-Lab	38.7719, 5.2255, 9.8642

# Details

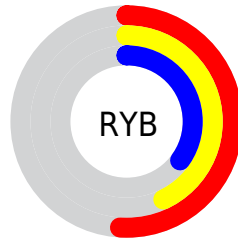
The Hex color **836658** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **587583**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **B9998A**, and **50372B** is the 20% darker color. If you saturate the color by 10%, you get **835D4B**, and if you desaturate by 10%, it is **836F65**.

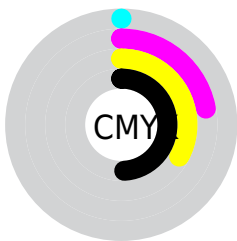
# Distribution



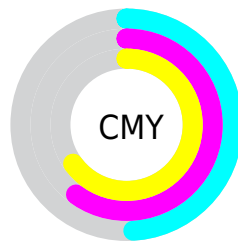
- Red (51%)
- Green (40%)
- Blue (35%)



- Red (51%)
- Yellow (43%)
- Blue (35%)



- Cyan (0%)
- Magenta (22%)
- Yellow (33%)
- Black (49%)



- Cyan (49%)
- Magenta (60%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 836658 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 836658 by changing the saturation by 10% instead.





836658



836658

FFFFFF



694E41



B9998A



50372B



D5B4A4



392216



F1CFBF



230C00



FFECDB



000000



FFFFF8



836658



836658



835D4B



836F65



83543E



837872

834B31

83817F

834324

83898C

833A16

83929A

833109

839BA7

832B00

83A4B4

83ADC1

83B6CE

# Harmonies

## Analogous

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



876363



836658



796A53

# Triad

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



836658



4F7368



6A6A84

# Complementary

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



836658



587583

# 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.



596E86



836658



487376

# Square

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



836658



5D725C



4B7280



7A667C

# Rectangle

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



836658



706D53



4B7280



646B85



# Sweetspot

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



836658



AB9F9A



835875



57504C



D6D6D6



575757



# Same Dimension

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



836658



AB7E68



837B58



423E3C



822A00



030100



# Inverse Universe

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



587583



6895AB



586083



3C4042



005882



000203



# Previews

## White Background



This preview shows how the Hex color 836658 looks on a white background.

## Color Contrast Check

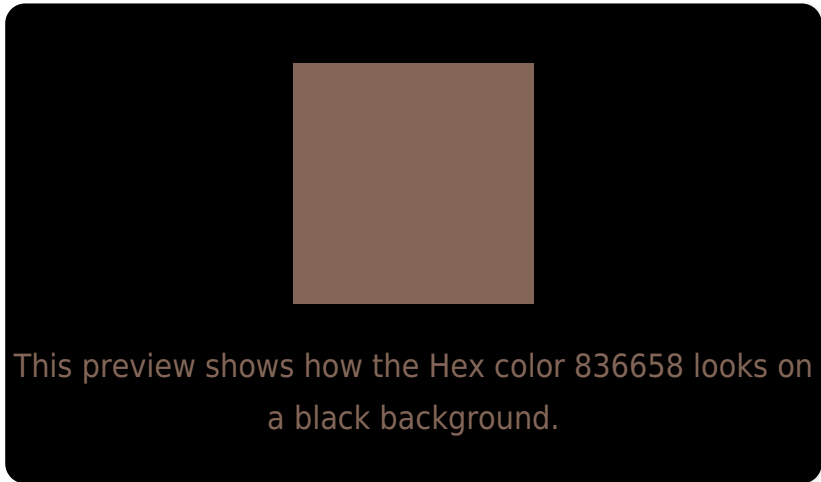
Large Text (above 18pt) WCAG AA ✓ Pass

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 836658 Background



This preview shows how black text looks on a background with the Hex color 836658.



This preview shows how white text looks on a background with the Hex color 836658.

# 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**  
836658

**Protanopia**  
726C5B

**Deuteranopia**  
7E6858



**Tritanopia**  
85636B

# Trichromacy



**Original Color**  
836658

**Protanomaly**  
786A5A

**Deuteranomaly**  
806758

**Tritanomaly**  
846464

# Monochromacy



**Original Color**  
836658

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
756A65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 836658 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 #836658 looks like.

```
.text, #text, p{  
    color:#836658  
}
```

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 #836658 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836658
}
```

## Border

The CSS property to change the border of an element to Hex 836658 is called "border". The border property can be set on classes, ids or directly on the HTML element.

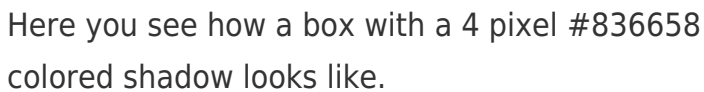
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#836658 }
```

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

```
.border{ border-color:#836658 }
```

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



Here you see how a box with a 4 pixel #836658 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836658; -webkit-box-shadow:4px 4px  
4px 4px #836658; box-shadow:4px 4px 4px  
4px #836658 }
```

# Background

The CSS property to change the background color of an element to Hex 836658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836658 }
```

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

```
.background{ background-color:#836658 }
```

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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