

Converting Colors

Hex(836666)

Have a look what the booklet for
Hex(836666) contains.

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Color

Hex(836666)

Conversions

Conversions Part 1

Format	Color
Hex	836666
RGB	131, 102, 102
RGB Percent	51%, 40%, 40%
CMY	0.4863, 0.6000, 0.6000
CMYK	0.00, 0.22, 0.22, 0.49
HSL	0°, 12%, 46%
HSV	0°, 22%, 51%
XYZ	16.5097, 15.2873, 14.6510
YIQ	110.6710, 17.2840, 6.1480

Conversions

Conversions Part 2

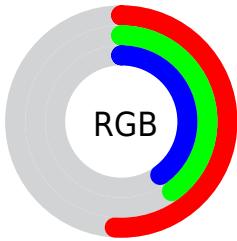
Format	Color
R_{YB}	131, 102, 102
Decimal	8611430
CIE _{Lab}	46.03, 11.63, 4.45
CIE _{LCh}	46, 12.452, 20.959
Yxy	15.2873, 0.3554, 0.3291
Android (android.graphics.Color)	4286801510 (0xFF836666)
YUV	110.6710, -4.2748, 17.8285
Hunter-Lab	39.0990, 6.9490, 5.1525

Details

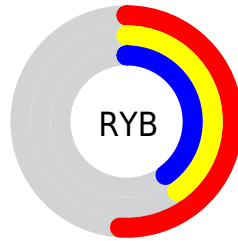
The Hex color **836666** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **668383**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **B89999**, and **513737** is the 20% darker color. If you saturate the color by 10%, you get **835959**, and if you desaturate by 10%, it is **837373**.

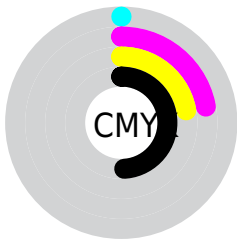
Distribution



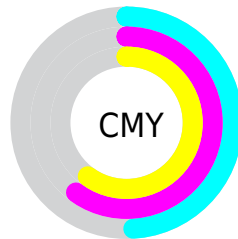
- Red (51%)
- Green (40%)
- Blue (40%)



- Red (51%)
- Yellow (40%)
- Blue (40%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 836666 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 836666 by changing the saturation by 10% instead.

 836666

 836666

FFFFFF

 694E4E

 B89999

 513737

 D4B4B4

 392122

 F1CFCF

 240C0C

 FFECEB

 000000

 836666

 836666

 835959

 837373

 834C4C

 838080

 833F3F

 838D8D

■ 833232

■ 839A9A

■ 832525

■ 83A8A8

■ 831717

■ 83B5B5

■ 830A0A

■ 83C2C2

■ 830000

■ 83CFCF

■ 83DCDC

Harmonies

Analogous

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



806671



836666



80685D

Triad

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



836666



617160



5D6F81

Complementary

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



836666



668383

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.



54727D



836666



577369

Square

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



836666



6D6F5A



517374



6B6B80

Rectangle

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



836666



7B6A5A



517374



5A7080

Sweetspot

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



836666



AB9F9F



836683



575050



D6D6D6



575757

Same Dimension

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



836666



AB7D7D



837566



423C3C



820000



030000

Inverse Universe

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



668383



7DABAB



667583



3C4242



008282



000303

Previews

White Background



This preview shows how the Hex color 836666 looks on a white background.

Color Contrast Check

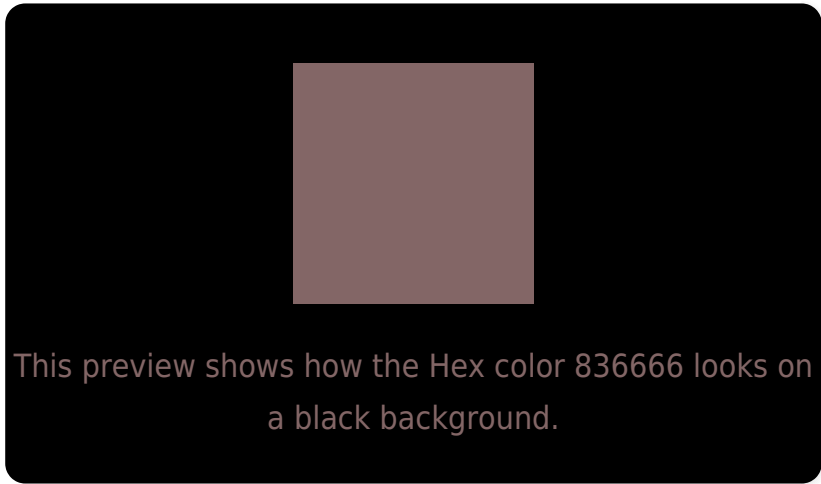
Large Text (above 18pt) WCAG AA ✓ Pass

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

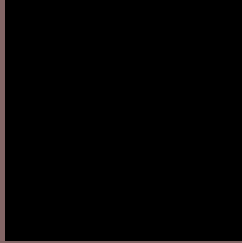
Any Text WCAG AA × Fail

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 836666 Background



This preview shows how black text looks on a background with the Hex color 836666.



This preview shows how white text looks on a background with the Hex color 836666.

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
836666

Protanopia
706D6A

Deuteranopia
7B6965



Tritanopia
84656D

Trichromacy



Original Color
836666

Protanomaly
776A69

Deuteranomaly
7E6865

Tritanomaly
84656A

Monochromacy



Original Color
836666

Achromatopsia
6F6F6F

Achromatomaly
766C6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 836666 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 #836666 looks like.

```
.text, #text, p{  
    color:#836666  
}
```

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 #836666 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836666
}
```

Border

The CSS property to change the border of an element to Hex 836666 is called "border". The border property can be set on classes, ids or directly on the HTML element.

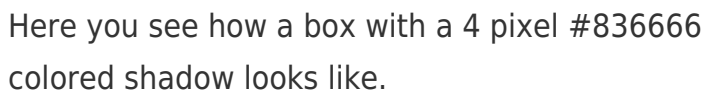
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#836666 }
```

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

```
.border{ border-color:#836666 }
```

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



Here you see how a box with a 4 pixel #836666 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836666; -webkit-box-shadow:4px 4px  
4px 4px #836666; box-shadow:4px 4px 4px  
4px #836666 }
```

Background

The CSS property to change the background color of an element to Hex 836666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836666 }
```

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

```
.background{ background-color:#836666 }
```

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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