

Converting Colors

Hex(834157)

Have a look what the booklet for
Hex(834157) contains.

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Color

Hex(834157)

Conversions

Conversions Part 1

Format	Color
Hex	834157
RGB	131, 65, 87
RGB Percent	51%, 25%, 34%
CMY	0.4863, 0.7451, 0.6588
CMYK	0.00, 0.50, 0.34, 0.49
HSL	340°, 34%, 38%
HSV	340°, 50%, 51%
XYZ	12.9707, 9.2940, 10.1271
YIQ	87.2420, 32.2740, 20.8340

Conversions

Conversions Part 2

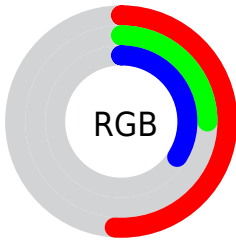
Format	Color
R_{YB}	131, 65, 87
Decimal	8601943
CIE Lab	36.54, 30.94, -0.02
CIE LCh	37, 30.937, 359.958
Yxy	9.2940, 0.4004, 0.2869
Android (android.graphics.Color)	4286792023 (0xFF834157)
YUV	87.2420, -0.1193, 38.3758
Hunter-Lab	30.4861, 22.5944, 1.6448

Details

The Hex color **834157** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **41836D**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **BA7389**, and **4F112A** is the 20% darker color. If you saturate the color by 10%, you get **83344E**, and if you desaturate by 10%, it is **834E60**.

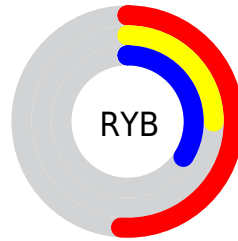
Distribution



Red (51%)

Green (25%)

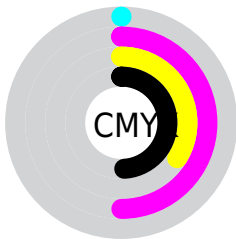
Blue (34%)



Red (51%)

Yellow (25%)

Blue (34%)

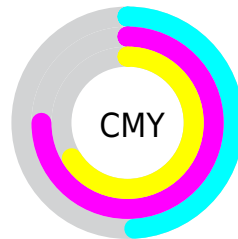


Cyan (0%)

Magenta (50%)

Yellow (34%)

Black (49%)



Cyan (49%)

Magenta (75%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 834157 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 834157 by changing the saturation by 10% instead.

834157

834157

FFFFFF

692940

BA7389

4F112A

D68DA3

360016

F4A8BE

1E0001

FFC3DA

000000

FFE0F6

FFFCFF

834157

834157

83344E

834E60

832746

835B68

831A3D

836871

830D34

83757A

83002C

838383

83908B

839D94

83AA9D

83B7A6

Harmonies

Analogous

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



75466F



834157



83443F

Triad

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



834157



4B5C29



005F80

Complementary

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



834157



41836D

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.



00626E



834157



2B603C

Square

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



834157



655523



006255



285987

Rectangle

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



834157



7D4931



006255



00607B

Sweetspot

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



834157



AB919A



6D4183



57474C



D6D6D6



575757

Same Dimension

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



834157



AB4467



834C41



423C3E



82002B



030001

Inverse Universe

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



834157



AB4467



417883



423C3E



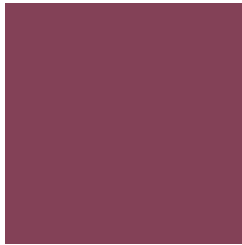
82002B



030001

Previews

White Background



This preview shows how the Hex color 834157 looks on a white background.

Color Contrast Check

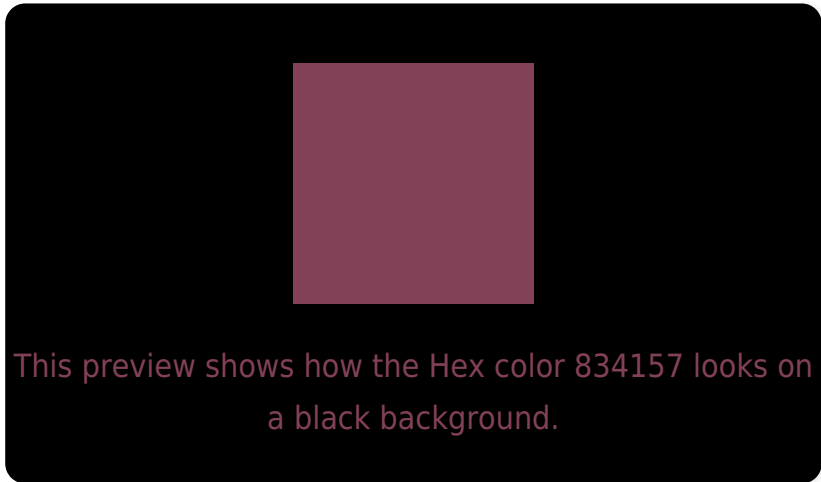
Large Text (above 18pt) WCAG AA ✓ Pass

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

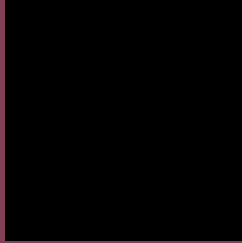
Any Text WCAG AA × Fail

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 834157 Background



This preview shows how black text looks on a background with the Hex color 834157.

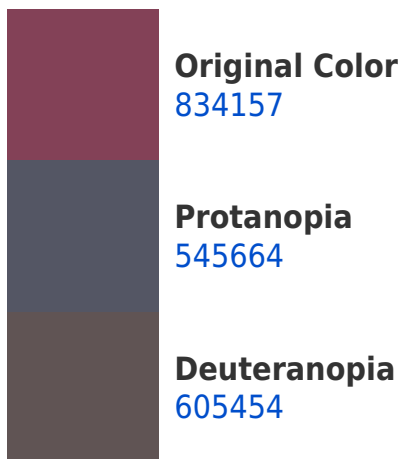



This preview shows how white text looks on a background with the Hex color 834157.

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





Tritanopia
824449

Trichromacy



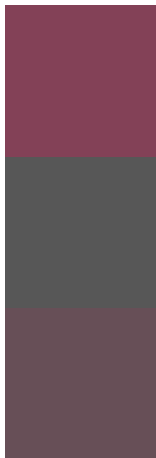
Original Color
834157

Protanomaly
654E5F

Deuteranomaly
6D4D55

Tritanomaly
82434E

Monochromacy



Original Color
834157

Achromatopsia
575757

Achromatomaly
674F57

CSS Examples

Text

The CSS property to change the color of the text to Hex 834157 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 #834157 looks like.

```
.text, #text, p{  
    color:#834157  
}
```

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 #834157 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #834157
}
```

Border

The CSS property to change the border of an element to Hex 834157 is called "border". The border property can be set on classes, ids or directly on the HTML element.

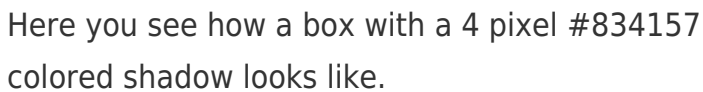
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#834157 }
```

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

```
.border{ border-color:#834157 }
```

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



Here you see how a box with a 4 pixel #834157 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #834157; -webkit-box-shadow:4px 4px  
4px 4px #834157; box-shadow:4px 4px 4px  
4px #834157 }
```

Background

The CSS property to change the background color of an element to Hex 834157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#834157 }
```

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

```
.background{ background-color:#834157 }
```

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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