

# Converting Colors

Hex(844158)

Have a look what the booklet for  
Hex(844158) contains.

<b>Hex(844158)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(844158)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	844158
RGB	132, 65, 88
RGB Percent	52%, 25%, 35%
CMY	0.4824, 0.7451, 0.6549
CMYK	0.00, 0.51, 0.33, 0.48
HSL	339°, 34%, 39%
HSV	339°, 51%, 52%
XYZ	13.1675, 9.3907, 10.3511
YIQ	87.6550, 32.5490, 21.3570

# Conversions

## Conversions Part 2

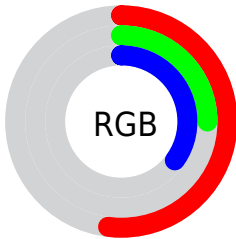
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 65, 88
Decimal	8667480
CIE <sub>Lab</sub>	36.73, 31.45, -0.37
CIE <sub>LCh</sub>	37, 31.452, 359.321
Yxy	9.3907, 0.4001, 0.2854
Android (android.graphics.Color)	4286857560 (0xFF844158)
YUV	87.6550, 0.1701, 38.8906
Hunter-Lab	30.6443, 23.0718, 1.4238

# Details

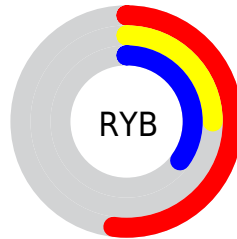
The Hex color **844158** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **41846D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **BB738A**, and **50102B** is the 20% darker color. If you saturate the color by 10%, you get **84344F**, and if you desaturate by 10%, it is **844E61**.

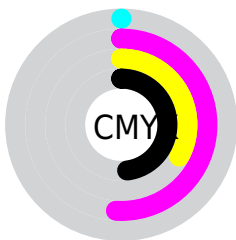
# Distribution



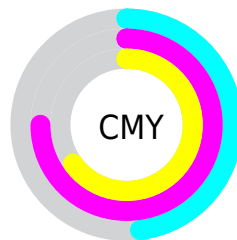
- Red (52%)
- Green (25%)
- Blue (35%)



- Red (52%)
- Yellow (25%)
- Blue (35%)



- Cyan (0%)
- Magenta (51%)
- Yellow (33%)
- Black (48%)



- Cyan (48%)
- Magenta (75%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 844158 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 844158 by changing the saturation by 10% instead.



 844158

 844158

FFFFFF

 692941

 BB738A

 50102B

 D88DA4

 370016

 F5A8BF

 1F0001

 FFC3DB

 000000

 FFE0F7

 FFFDFD

 844158

 844158

 84344F

 844E61

842747

845B69

84193E

846972

840C35

84767B

84002D

848383

84908C

849D95

84AB9D

84B8A6

# Harmonies

## Analogous

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



754671



844158



85433F

# Triad

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



844158



4C5C28



006081

# Complementary

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



844158



41846D

# 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.



00636E



844158



2C613C

# Square

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



844158



665522



006355



265989

# Rectangle

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



844158



7E4931



006355



00617C



# Sweetspot

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



844158



AB919A



6D4184



57474C



D6D6D6



575757



# Same Dimension

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



844158



AB4366



844B41



423C3E



82002D



030001



# Inverse Universe

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



844158



AB4366



417A84



423C3E



82002D

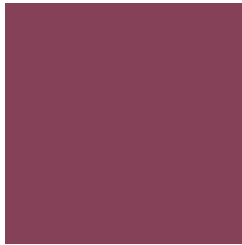


030001



# Previews

## White Background



This preview shows how the Hex color 844158 looks on a white background.

## Color Contrast Check

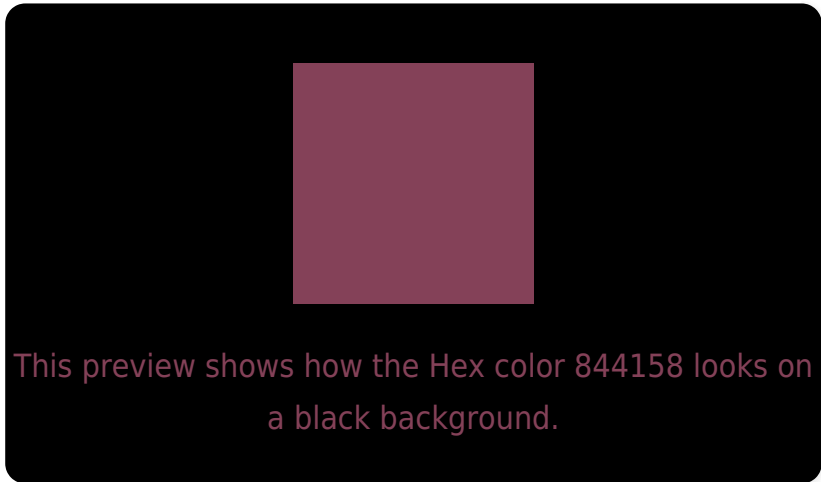
Large Text (above 18pt) WCAG AA ✓ Pass

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

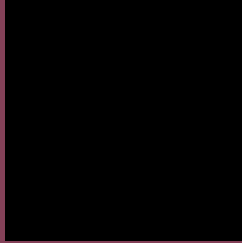
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 844158 Background



This preview shows how black text looks on a background with the Hex color 844158.

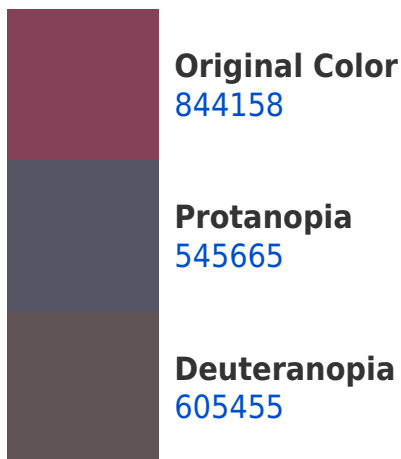



This preview shows how white text looks on a background with the Hex color 844158.

# 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**  
834449

# Trichromacy



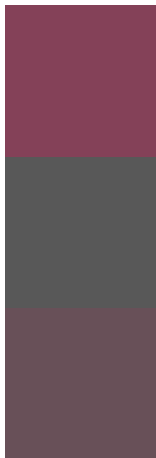
**Original Color**  
844158

**Protanomaly**  
654E60

**Deuteranomaly**  
6D4D56

**Tritanomaly**  
83434E

# Monochromacy



**Original Color**  
844158

**Achromatopsia**  
585858

**Achromatomaly**  
685058

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 844158 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 #844158 looks like.

```
.text, #text, p{  
    color:#844158  
}
```

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 #844158 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #844158
}
```

## Border

The CSS property to change the border of an element to Hex 844158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

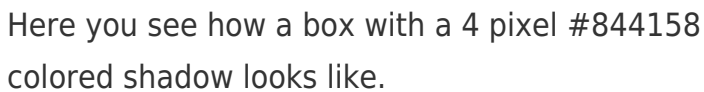
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#844158 }
```

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

```
.border{ border-color:#844158 }
```

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



Here you see how a box with a 4 pixel #844158 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #844158; -webkit-box-shadow:4px 4px  
4px 4px #844158; box-shadow:4px 4px 4px  
4px #844158 }
```

# Background

The CSS property to change the background color of an element to Hex 844158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#844158 }
```

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

```
.background{ background-color:#844158 }
```

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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