

# Converting Colors

Hex(832755)

Have a look what the booklet for  
Hex(832755) contains.

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# Color

**Hex(832755)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	832755
RGB	131, 39, 85
RGB Percent	51%, 15%, 33%
CMY	0.4863, 0.8471, 0.6667
CMYK	0.00, 0.70, 0.35, 0.49
HSL	330°, 54%, 33%
HSV	330°, 70%, 51%
XYZ	11.7253, 6.9322, 9.3144
YIQ	71.7520, 40.0660, 33.8100

# Conversions

## Conversions Part 2

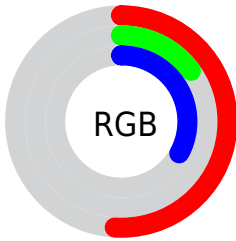
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 39, 85
Decimal	8595285
CIE <sub>Lab</sub>	31.65, 43.51, -5.97
CIE <sub>LCh</sub>	32, 43.914, 352.193
Yxy	6.9322, 0.4192, 0.2478
Android (android.graphics.Color)	4286785365 (0xFF832755)
YUV	71.7520, 6.5313, 51.9605
Hunter-Lab	26.3291, 33.4165, -2.5445

# Details

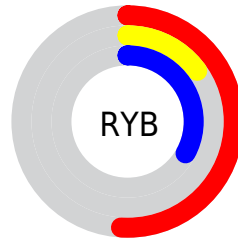
The Hex color **832755** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **278355**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **BB5B87**, and **4D0028** is the 20% darker color. If you saturate the color by 10%, you get **831A4E**, and if you desaturate by 10%, it is **83345C**.

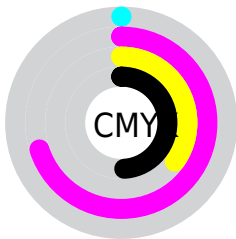
# Distribution



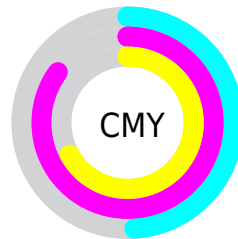
- Red (51%)
- Green (15%)
- Blue (33%)



- Red (51%)
- Yellow (15%)
- Blue (33%)



- Cyan (0%)
- Magenta (70%)
- Yellow (35%)
- Black (49%)



- Cyan (49%)
- Magenta (85%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 832755 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 832755 by changing the saturation by 10% instead.



 832755

 832755

FFFFFF

 68063E

 BB5B87

 4D0028

 D876A1

 360014

 F590BC

 120000

 FFACD7

 000000

 FFC8F4

 FFE4FF

 832755

 832755

 831A4E

 83345C

830D48

834162

830042

834E69

835B6F

836976

83767C

838383

839089

839D90

# Harmonies

## Analogous

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



6B3575



832755



872933

# Triad

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



832755



425000



005881

# Complementary

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



832755



278355

# 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.



005A64



832755



0E571D

# Square

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



832755



624600



005A40



00518F

# Rectangle

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



832755



80321D



005A40



005978



# Sweetspot

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



832755



AB8799



552783



57414C



D6D6D6



575757



# Same Dimension

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



832755



AB1B63



832727



423C3F



820041



030001



# Inverse Universe

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



832755



AB1B63



278383



423C3F



820041

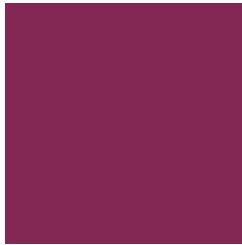


030001



# Previews

## White Background



This preview shows how the Hex color 832755 looks on a white background.

## Color Contrast Check

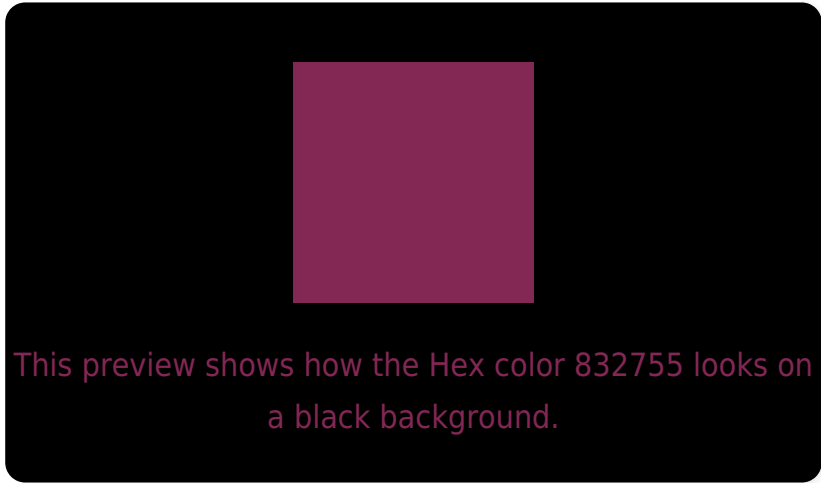
Large Text (above 18pt) WCAG AA ✓ Pass

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

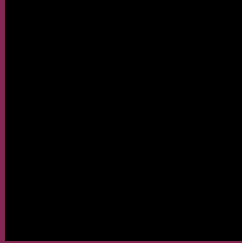
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 832755 Background



This preview shows how black text looks on a background with the Hex color 832755.

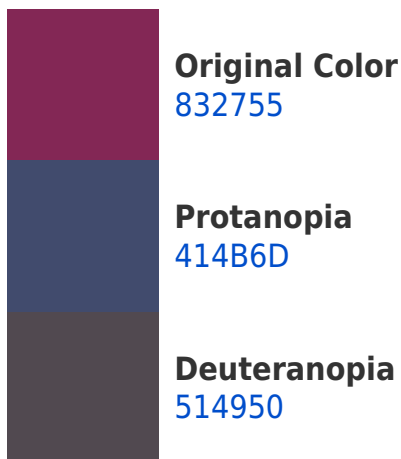



This preview shows how white text looks on a background with the Hex color 832755.

# 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**  
813033

# Trichromacy



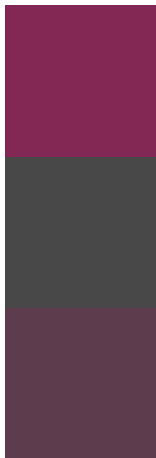
**Original Color**  
832755

**Protanomaly**  
593E64

**Deuteranomaly**  
633D52

**Tritanomaly**  
822D3F

# Monochromacy



**Original Color**  
832755

**Achromatopsia**  
484848

**Achromatomaly**  
5D3C4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 832755 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 #832755 looks like.

```
.text, #text, p{  
    color:#832755  
}
```

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 #832755 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #832755
}
```

## Border

The CSS property to change the border of an element to Hex 832755 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
#832755 }
```

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

```
.border{ border-color:#832755 }
```

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

Here you see how a box with a 4 pixel #832755 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #832755; -webkit-box-shadow:4px 4px  
4px 4px #832755; box-shadow:4px 4px 4px  
4px #832755 }
```

# Background

The CSS property to change the background color of an element to Hex 832755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#832755 }
```

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

```
.background{ background-color:#832755 }
```

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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