

# Converting Colors

Hex(832760)

Have a look what the booklet for  
Hex(832760) contains.

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# Color

**Hex(832760)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	832760
RGB	131, 39, 96
RGB Percent	51%, 15%, 38%
CMY	0.4863, 0.8471, 0.6235
CMYK	0.00, 0.70, 0.27, 0.49
HSL	323°, 54%, 33%
HSV	323°, 70%, 51%
XYZ	12.1969, 7.1209, 11.7979
YIQ	73.0060, 36.5350, 37.2310

# Conversions

## Conversions Part 2

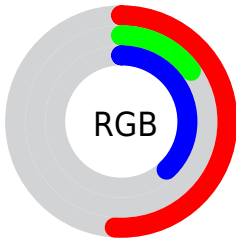
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 39, 96
Decimal	8595296
CIE <sub>Lab</sub>	32.08, 44.95, -12.45
CIE <sub>LCh</sub>	32, 46.646, 344.519
Yxy	7.1209, 0.3920, 0.2289
Android (android.graphics.Color)	4286785376 (0xFF832760)
YUV	73.0060, 11.3360, 50.8607
Hunter-Lab	26.6849, 34.8885, -7.5338

# Details

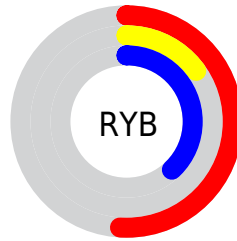
The Hex color **832760** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **27834A**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **BB5C93**, and **4E0032** is the 20% darker color. If you saturate the color by 10%, you get **831A5B**, and if you desaturate by 10%, it is **833465**.

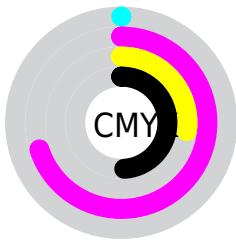
# Distribution



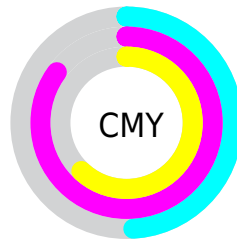
- Red (51%)
- Green (15%)
- Blue (38%)



- Red (51%)
- Yellow (15%)
- Blue (38%)



- Cyan (0%)
- Magenta (70%)
- Yellow (27%)
- Black (49%)



- Cyan (49%)
- Magenta (85%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 832760 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 832760 by changing the saturation by 10% instead.



 832760

 832760

FFFFFF

 680648

 BB5C93

 4E0032

 D876AD

 36001D

 F591C9

 170000

 FFACE5

 000000

 FFC8FF

 FFE5FF

 832760

 832760

 831A5B

 833465

■ 830D56

■ 83416A

■ 830051

■ 834E6F

■ 835B74

■ 836979

■ 83767E

■ 838383

■ 839088

■ 839D8D

# Harmonies

## Analogous

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



633980



832760



8C233B

# Triad

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



832760



4B4F00



005B7E

# Complementary

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



832760



27834A

# 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.



005C5D



832760



1E5710

# Square

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



832760



6B4300



005B37



005592

# Rectangle

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



832760



872C24



005B37



005B74



# Sweetspot

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



832760



AB879D



492783



57414E



D6D6D6



575757



# Same Dimension

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



832760



AB1B74



832733



423C40



820051



030002



# Inverse Universe

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



832760



AB1B74



278377



423C40



820051

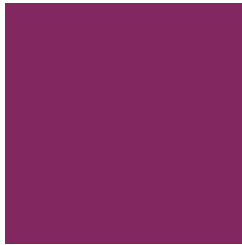


030002



# Previews

## White Background



This preview shows how the Hex color 832760 looks on a white background.

## Color Contrast Check

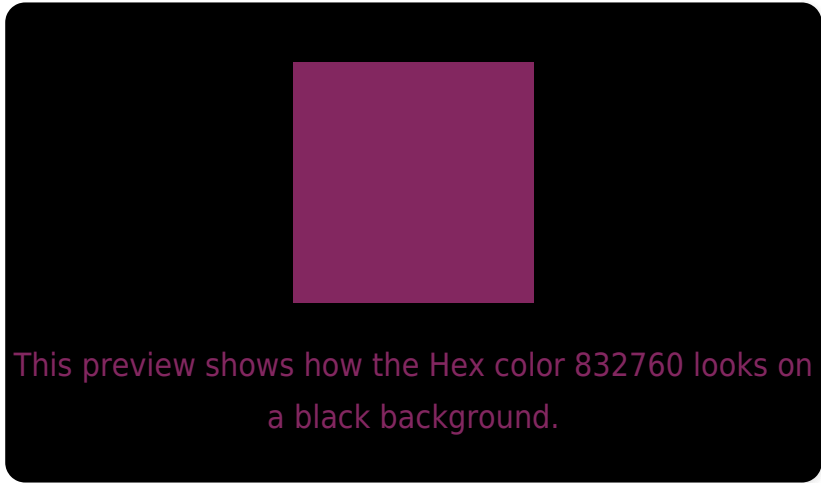
Large Text (above 18pt) WCAG AA ✓ Pass

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

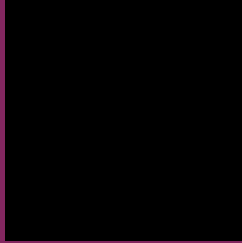
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 832760 Background



This preview shows how black text looks on a background with the Hex color 832760.

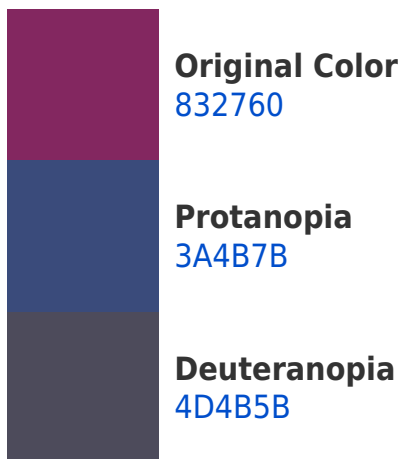



This preview shows how white text looks on a background with the Hex color 832760.

# 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**  
803336

# Trichromacy



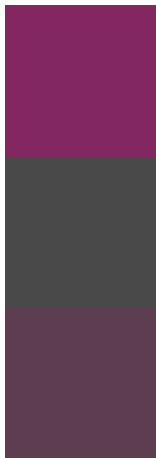
**Original Color**  
832760

**Protanomaly**  
553E71

**Deuteranomaly**  
613E5D

**Tritanomaly**  
812F45

# Monochromacy



**Original Color**  
832760

**Achromatopsia**  
494949

**Achromatomaly**  
5E3D51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 832760 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 #832760 looks like.

```
.text, #text, p{  
    color:#832760  
}
```

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 #832760 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #832760
}
```

## Border

The CSS property to change the border of an element to Hex 832760 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
#832760 }
```

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

```
.border{ border-color:#832760 }
```

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

Here you see how a box with a 4 pixel #832760 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #832760; -webkit-box-shadow:4px 4px  
4px 4px #832760; box-shadow:4px 4px 4px  
4px #832760 }
```

# Background

The CSS property to change the background color of an element to Hex 832760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#832760 }
```

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

```
.background{ background-color:#832760 }
```

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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