

# Converting Colors

Hex(852760)

Have a look what the booklet for  
Hex(852760) contains.

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# Color

**Hex(852760)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	852760
RGB	133, 39, 96
RGB Percent	52%, 15%, 38%
CMY	0.4784, 0.8471, 0.6235
CMYK	0.00, 0.71, 0.28, 0.48
HSL	324°, 55%, 34%
HSV	324°, 71%, 52%
XYZ	12.5097, 7.2821, 11.8126
YIQ	73.6040, 37.7270, 37.6550

# Conversions

## Conversions Part 2

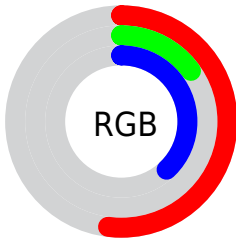
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 39, 96
Decimal	8726368
CIELab	32.44, 45.54, -11.87
CIElCh	32, 47.060, 345.392
Yxy	7.2821, 0.3958, 0.2304
Android (android.graphics.Color)	4286916448 (0xFF852760)
YUV	73.6040, 11.0412, 52.0903
Hunter-Lab	26.9854, 35.5234, -7.0638

# Details

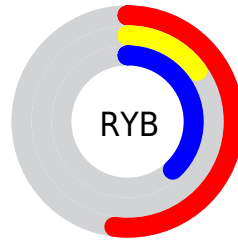
The Hex color **852760** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **27854C**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **BD5C93**, and **4F0032** is the 20% darker color. If you saturate the color by 10%, you get **851A5B**, and if you desaturate by 10%, it is **853465**.

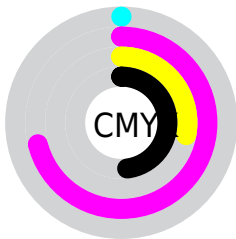
# Distribution



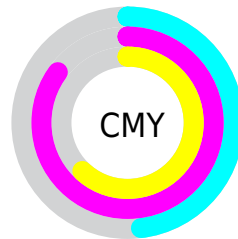
- Red (52%)
- Green (15%)
- Blue (38%)



- Red (52%)
- Yellow (15%)
- Blue (38%)



- Cyan (0%)
- Magenta (71%)
- Yellow (28%)
- Black (48%)



- Cyan (48%)
- Magenta (85%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 852760 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 852760 by changing the saturation by 10% instead.



 852760

 852760

FFFFFF

 6A0548

 BD5C93

 4F0032

 DA76AD

 37001D

 F791C9

 1A0001

 FFADE5

 000000

 FFC9FF

 FFE5FF

 852760

 852760

 851A5B

 853465

850C56

85426A

850051

854F70

855C75

856A7A

85777F

858485

85918A

859F8F

# Harmonies

## Analogous

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



653981



852760



8D243B

# Triad

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



852760



4B5000



005B81

# Complementary

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



852760



27854C

# 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.



005D5F



852760



1D5812

# Square

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



852760



6C4400



005C38



005694

# Rectangle

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



852760



882D23



005C38



005C76



# Sweetspot

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



852760



AD899F



4B2785



57414E



D6D6D6



575757



# Same Dimension

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



852760



AD1A73



852732



423C40



82004F



030002



# Inverse Universe

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



852760



AD1A73



27857A



423C40



82004F

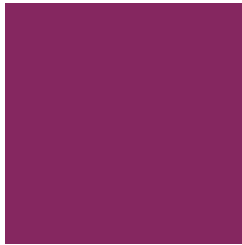


030002



# Previews

## White Background



This preview shows how the Hex color 852760 looks on a white background.

## Color Contrast Check

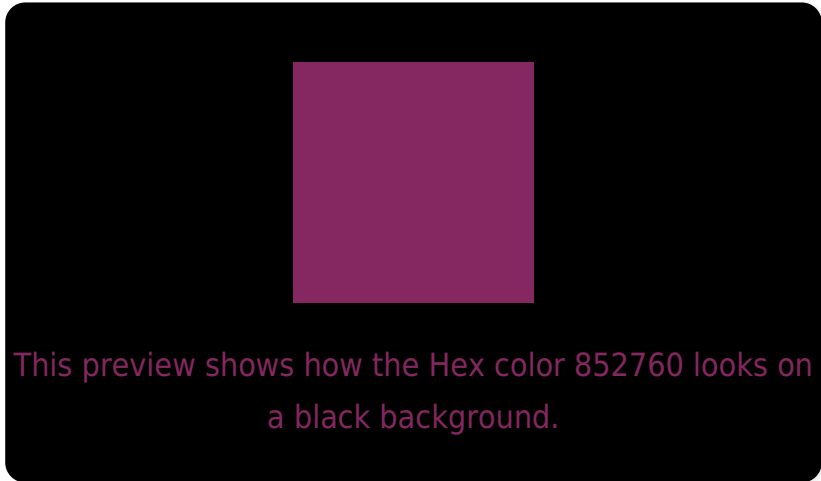
Large Text (above 18pt) WCAG AA ✓ Pass

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

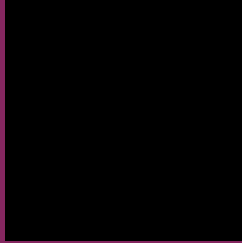
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 852760 Background



This preview shows how black text looks on a background with the Hex color 852760.




This preview shows how white text looks on a background with the Hex color 852760.

# 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**  
823336

# Trichromacy



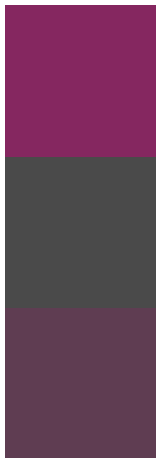
**Original Color**  
852760

**Protanomaly**  
573F71

**Deuteranomaly**  
623F5D

**Tritanomaly**  
832F45

# Monochromacy



**Original Color**  
852760

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
5F3D52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 852760 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 #852760 looks like.

```
.text, #text, p{  
    color:#852760  
}
```

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 #852760 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #852760
}
```

## Border

The CSS property to change the border of an element to Hex 852760 is called "border". The border property can be set on classes, ids or directly on the HTML element.

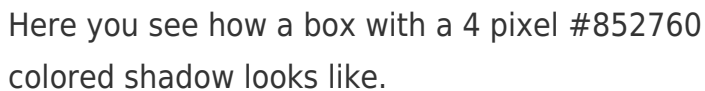
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#852760 }
```

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

```
.border{ border-color:#852760 }
```

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



Here you see how a box with a 4 pixel #852760 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #852760; -webkit-box-shadow:4px 4px  
4px 4px #852760; box-shadow:4px 4px 4px  
4px #852760 }
```

# Background

The CSS property to change the background color of an element to Hex 852760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#852760 }
```

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

```
.background{ background-color:#852760 }
```

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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