

Converting Colors

Hex(850058)

Have a look what the booklet for
Hex(850058) contains.

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Color

Hex(850058)

Conversions

Conversions Part 1

Format	Color
Hex	850058
RGB	133, 0, 88
RGB Percent	52%, 0%, 35%
CMY	0.4784, 1.0000, 0.6549
CMYK	0.00, 1.00, 0.34, 0.48
HSL	320°, 100%, 26%
HSV	320°, 100%, 52%
XYZ	11.4343, 5.6911, 9.7284
YIQ	49.7990, 51.0200, 55.5640

Conversions

Conversions Part 2

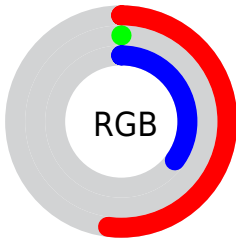
Format	Color
R_{YB}	133, 0, 88
Decimal	8716376
CIE _{Lab}	28.62, 54.50, -12.48
CIE _{LCh}	29, 55.913, 347.102
Yxy	5.6911, 0.4258, 0.2119
Android (android.graphics.Color)	4286906456 (0xFF850058)
YUV	49.7990, 18.8331, 72.9673
Hunter-Lab	23.8561, 43.8076, -7.4788

Details

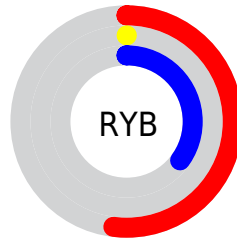
The Hex color **850058** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00852D**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **BE478A**, and **4E002A** is the 20% darker color. If you saturate the color by 10%, you get **850058**, and if you desaturate by 10%, it is **850D5C**.

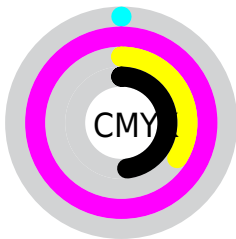
Distribution



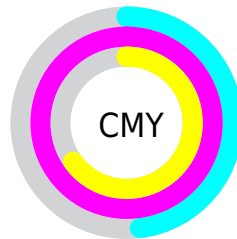
- Red (52%)
- Green (0%)
- Blue (35%)



- Red (52%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (100%)
- Yellow (34%)
- Black (48%)



- Cyan (48%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 850058 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 850058 by changing the saturation by 10% instead.

 850058

 850058

FFFFFF

 690041

 BE478A

 4E002A

 DB62A4

 360016

 F97EBF

 0E0000

 FF99DB

 000000

 FFB6F8

 FFD2FF

 FFEFFF

 850058

■ 850D5C

■ 851B61

■ 852865

■ 85356A

■ 85436E

■ 855073

■ 855D77

■ 856A7C

■ 857881

Harmonies

Analogous

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



62297F



850058



8C002D

Triad

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



850058



3D4900



005483

Complementary

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



850058



00852D

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.



00555C



850058



005100

Square

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



850058



633B00



00542F



004E99

Rectangle

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



850058



851811



00542F



005577

Sweetspot

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



850058



AD799C



2C0085



57374C



D6D6D6



575757

Same Dimension

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



850058



AD0073



850016



423C40



820056



030002

Inverse Universe

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



850058



AD0073



00856F



423C40



820056



030002

Previews

White Background



This preview shows how the Hex color 850058 looks on a white background.

Color Contrast Check

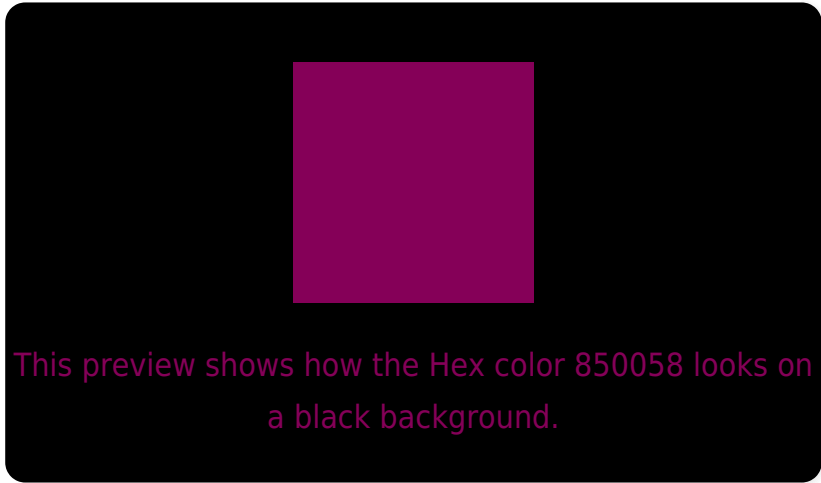
Large Text (above 18pt) WCAG AA ✓ Pass

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

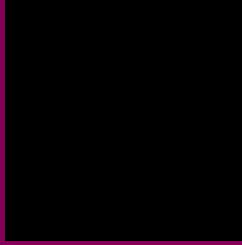
Any Text WCAG AA × Fail

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 850058 Background



This preview shows how black text looks on a background with the Hex color 850058.

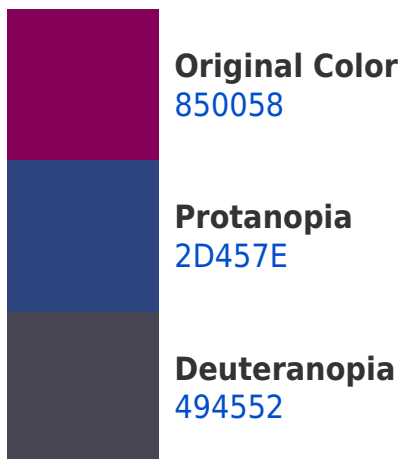



This preview shows how white text looks on a background with the Hex color 850058.

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
822324

Trichromacy



Original Color
850058



Protanomaly
4D2C70



Deuteranomaly
5F2C54



Tritanomaly
831637

Monochromacy



Original Color
850058



Achromatopsia
323232



Achromatomaly
502040

CSS Examples

Text

The CSS property to change the color of the text to Hex 850058 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 #850058 looks like.

```
.text, #text, p{  
    color:#850058  
}
```

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 #850058 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #850058
}
```

Border

The CSS property to change the border of an element to Hex 850058 is called "border". The border property can be set on classes, ids or directly on the HTML element.

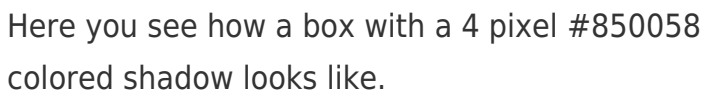
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#850058 }
```

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

```
.border{ border-color:#850058 }
```

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



Here you see how a box with a 4 pixel #850058 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #850058; -webkit-box-shadow:4px 4px  
4px 4px #850058; box-shadow:4px 4px 4px  
4px #850058 }
```

Background

The CSS property to change the background color of an element to Hex 850058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#850058 }
```

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

```
.background{ background-color:#850058 }
```

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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