

Converting Colors

Hex(850BA4)

Have a look what the booklet for
Hex(850BA4) contains.

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Color

Hex(850BA4)

Conversions

Conversions Part 1

Format	Color
Hex	850BA4
RGB	133, 11, 164
RGB Percent	52%, 4%, 64%
CMY	0.4784, 0.9569, 0.3569
CMYK	0.19, 0.93, 0.00, 0.36
HSL	288°, 87%, 34%
HSV	288°, 93%, 64%
XYZ	16.4934, 7.9062, 35.7787
YIQ	64.9200, 23.5990, 73.4470

Conversions

Conversions Part 2

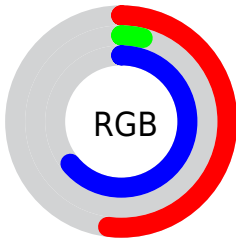
Format	Color
R_{YB}	133, 11, 164
Decimal	8719268
CIE _{Lab}	33.79, 64.29, -52.17
CIE _{LCh}	34, 82.795, 320.939
Yxy	7.9062, 0.2741, 0.1314
Android (android.graphics.Color)	4286909348 (0xFF850BA4)
YUV	64.9200, 48.8464, 59.7062
Hunter-Lab	28.1180, 55.4975, -55.7608

Details

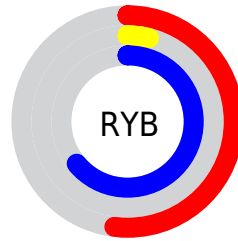
The Hex color **850BA4** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **2AA40B**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **BE4FDC**, and **4D006F** is the 20% darker color. If you saturate the color by 10%, you get **8300A4**, and if you desaturate by 10%, it is **881BA4**.

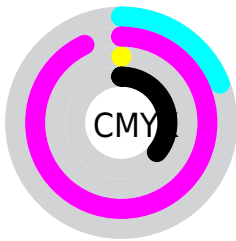
Distribution



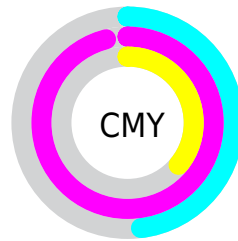
- Red (52%)
- Green (4%)
- Blue (64%)



- Red (52%)
- Yellow (4%)
- Blue (64%)



- Cyan (19%)
- Magenta (93%)
- Yellow (0%)
- Black (36%)



- Cyan (48%)
- Magenta (96%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 850BA4 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 850BA4 by changing the saturation by 10% instead.

 850BA4

 850BA4

FFFFFF

 690089

 BE4FDC

 4D006F

 DC6BF9

 320056

 F987FF

 15003E

 FFA3FF

 000327

 FFC0FF

 000110

 FFDDFF

 000000

 FFFAFF

 850BA4

 850BA4

8300A4

881BA4

8C2CA4

8F3CA4

924DA4

965DA4

996DA4

9C7EA4

A08EA4

A39FA4

Harmonies

Analogous

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



0048CE



850BA4



B40066

Triad

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



850BA4



724600



00687D

Complementary

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



850BA4



2AA40B

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.



006639



850BA4



345A00

Square

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



850BA4



9F1700



006300



0067B7

Rectangle

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



850BA4



BA003C



006300



006767

Sweetspot

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



850BA4



CA9AD6



0B2CA4



64476B



EBEBEB



6B6B6B

Same Dimension

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



850BA4



AB00D6



A40B79



504952



740091



0E0012

Inverse Universe

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



A40B2A



D6002B



0BA436



52494B



91001D



120004

Previews

White Background



This preview shows how the Hex color 850BA4 looks on a white background.

Color Contrast Check

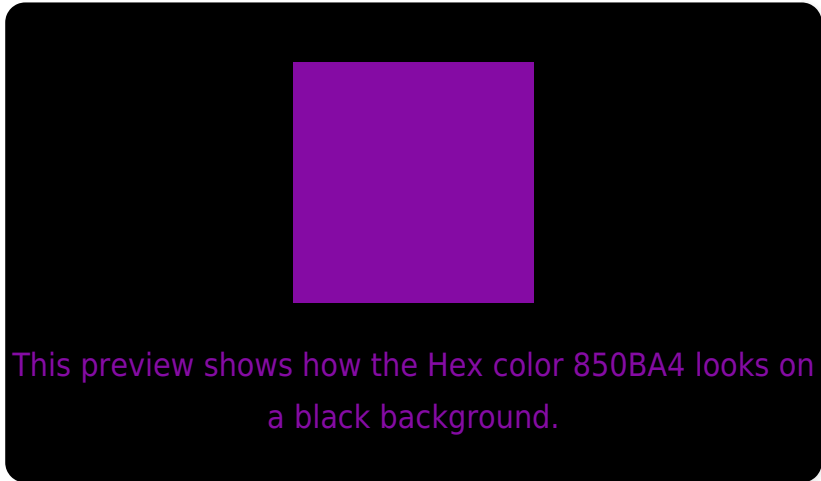
Large Text (above 18pt) WCAG AA ✓ Pass

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

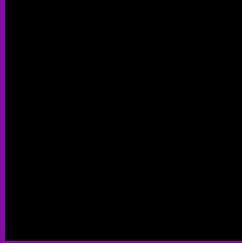
Any Text WCAG AA × Fail

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 850BA4 Background



This preview shows how black text looks on a background with the Hex color 850BA4.



This preview shows how white text looks on a background with the Hex color 850BA4.

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



Original Color
850BA4

Protanopia
004FA6

Deuteranopia
005392



Tritanopia
784145

Trichromacy



Original Color
850BA4



Protanomaly
3036A5



Deuteranomaly
303999



Tritanomaly
7D2D68

Monochromacy



Original Color
850BA4



Achromatopsia
414141



Achromatomaly
5A2D65

CSS Examples

Text

The CSS property to change the color of the text to Hex 850BA4 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 #850BA4 looks like.

```
.text, #text, p{  
    color:#850BA4  
}
```

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 #850BA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #850BA4
}
```

Border

The CSS property to change the border of an element to Hex 850BA4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

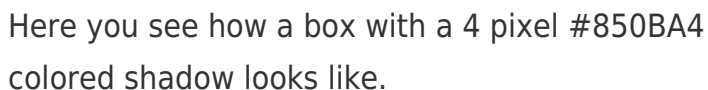
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#850BA4 }
```

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

```
.border{ border-color:#850BA4 }
```

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



Here you see how a box with a 4 pixel #850BA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #850BA4; -webkit-box-shadow:4px 4px  
4px 4px #850BA4; box-shadow:4px 4px 4px  
4px #850BA4 }
```

Background

The CSS property to change the background color of an element to Hex 850BA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#850BA4 }
```

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

```
.background{ background-color:#850BA4 }
```

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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