

Converting Colors

Hex(B850A5)

Have a look what the booklet for
Hex(B850A5) contains.

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Color

Hex(B850A5)

Conversions

Conversions Part 1

Format	Color
Hex	B850A5
RGB	184, 80, 165
RGB Percent	72%, 31%, 65%
CMY	0.2784, 0.6863, 0.3529
CMYK	0.00, 0.57, 0.10, 0.28
HSL	311°, 42%, 52%
HSV	311°, 57%, 72%
XYZ	29.4274, 18.6443, 37.6450
YIQ	120.7860, 34.6990, 48.4830

Conversions

Conversions Part 2

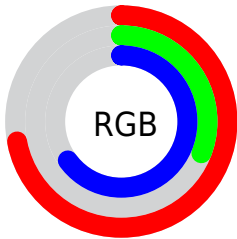
Format	Color
RYB	184, 80, 165
Decimal	12079269
CIELab	50.27, 52.61, -26.12
CIElCh	50, 58.738, 333.601
Yxy	18.6443, 0.3433, 0.2175
Android (android.graphics.Color)	4290269349 (0xFFB850A5)
YUV	120.7860, 21.7975, 55.4387
Hunter-Lab	43.1790, 46.0880, -21.4658

Details

The Hex color **B850A5** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **50B863**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **F286DC**, and **801671** is the 20% darker color. If you saturate the color by 10%, you get **B83EA2**, and if you desaturate by 10%, it is **B862A8**.

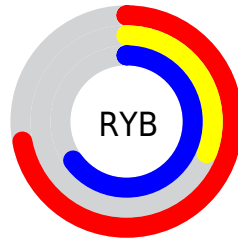
Distribution



Red (72%)

Green (31%)

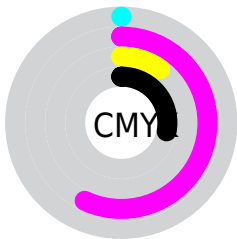
Blue (65%)



Red (72%)

Yellow (31%)

Blue (65%)

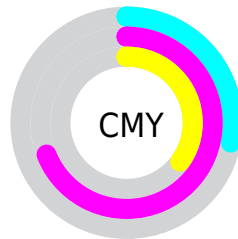


Cyan (0%)

Magenta (57%)

Yellow (10%)

Black (28%)



Cyan (28%)

Magenta (69%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color B850A5 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 B850A5 by changing the saturation by 10% instead.

 B850A5

 B850A5

FFFFFF

 9C358B

 F286DC

 801671

 FFA2F9

 650058

 FFBEFF

 4B0040

 FFDAFF

 34002A

 FFF8FF

 100014

 000000

 B850A5

 B850A5

 B83EA2

 B862A8

 B82B9E

 B875AC

 B8199B

 B887AF

 B80698

 B89AB2

 B80096

 B8ACB6

 B8BEB9

 B8D1BD

 B8E3C0

 B8F6C3

Harmonies

Analogous

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



7F68CC



B850A5



CF4374

Triad

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



B850A5



8A7700



008EAE

Complementary

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



B850A5



50B863

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.



008F7C



B850A5



568418

Square

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



B850A5



B26417



008C49



0088D1

Rectangle

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



B850A5



CF4953



008C49



008F9E

Sweetspot

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



B850A5



F0C7E8



6150B8



786073



F7F7F7



787878

Same Dimension

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



B850A5



F04DD2



B85073



5C535A



9C007F



1C0017

Inverse Universe

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



B850A5



F04DD2



50B895



5C535A



9C007F



1C0017

Previews

White Background



This preview shows how the Hex color B850A5 looks on a white background.

Color Contrast Check

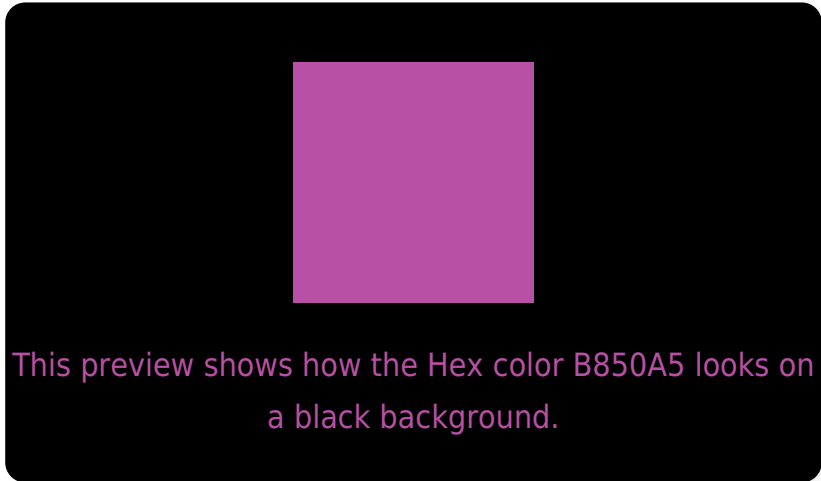
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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 × Fail

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

Hex B850A5 Background



This preview shows how black text looks on a background with the Hex color B850A5.

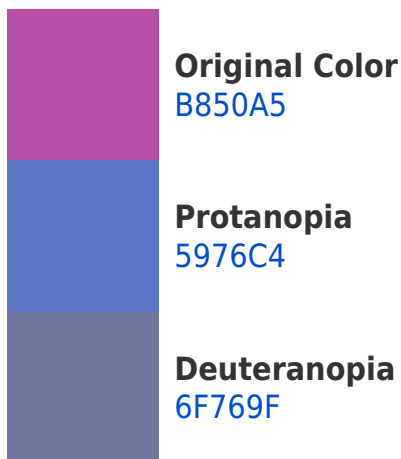


This preview shows how white text looks on a background with the Hex color B850A5.

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](#).

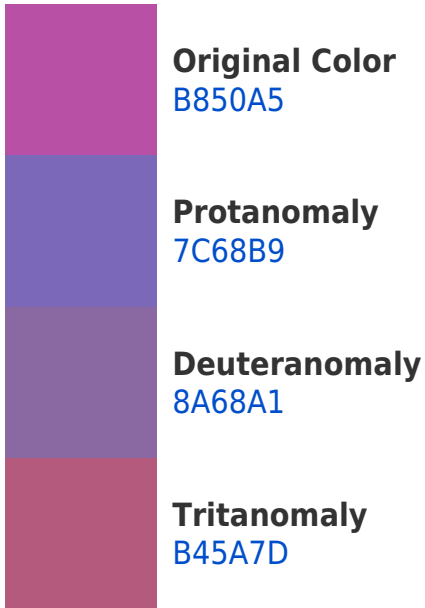
Dichromacy



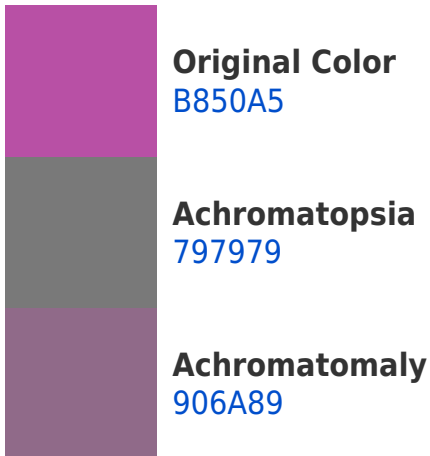


Tritanopia
B16066

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B850A5 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 #B850A5 looks like.

```
.text, #text, p{  
    color:#B850A5  
}
```

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 #B850A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B850A5
}
```

Border

The CSS property to change the border of an element to Hex B850A5 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
#B850A5 }
```

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

```
.border{ border-color:#B850A5 }
```

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

Here you see how a box with a 4 pixel #B850A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B850A5; -webkit-box-shadow:4px 4px  
4px 4px #B850A5; box-shadow:4px 4px 4px  
4px #B850A5 }
```

Background

The CSS property to change the background color of an element to Hex B850A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B850A5 }
```

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

```
.background{ background-color:#B850A5 }
```

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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