

Converting Colors

Hex(B850A6)

Have a look what the booklet for
Hex(B850A6) contains.

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Color

Hex(B850A6)

Conversions

Conversions Part 1

Format	Color
Hex	B850A6
RGB	184, 80, 166
RGB Percent	72%, 31%, 65%
CMY	0.2784, 0.6863, 0.3490
CMYK	0.00, 0.57, 0.10, 0.28
HSL	310°, 42%, 52%
HSV	310°, 57%, 72%
XYZ	29.5188, 18.6808, 38.1263
YIQ	120.9000, 34.3780, 48.7940

Conversions

Conversions Part 2

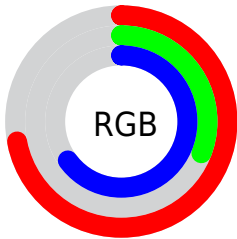
Format	Color
RYB	184, 80, 166
Decimal	12079270
CIELab	50.31, 52.78, -26.64
CIELCh	50, 59.117, 333.219
Yxy	18.6808, 0.3419, 0.2164
Android (android.graphics.Color)	4290269350 (0xFFB850A6)
YUV	120.9000, 22.2343, 55.3387
Hunter-Lab	43.2213, 46.2723, -22.0459

Details

The Hex color **B850A6** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **50B862**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **F286DD**, and **801572** is the 20% darker color. If you saturate the color by 10%, you get **B83EA3**, and if you desaturate by 10%, it is **B862A9**.

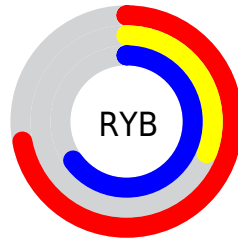
Distribution



Red (72%)

Green (31%)

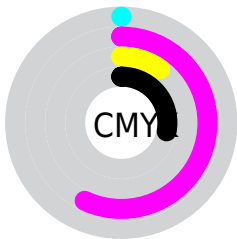
Blue (65%)



Red (72%)

Yellow (31%)

Blue (65%)

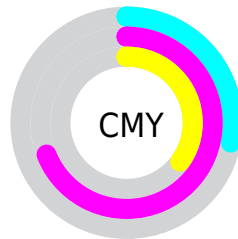


Cyan (0%)

Magenta (57%)

Yellow (10%)

Black (28%)



Cyan (28%)

Magenta (69%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color B850A6 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 B850A6 by changing the saturation by 10% instead.

 B850A6

 B850A6

FFFFFF

 9C358B

 F286DD

 801572

 FFA2FA

 650059

 FFBEFF

 4B0041

 FFDAFF

 34002B

 FFF8FF

 100015

 000000

 B850A6

 B850A6

 B83EA3

 B862A9

 B82BA0

 B875AC

 B8199C

 B887B0

 B80699

 B89AB3

 B80098

 B8ACB6

 B8BEB9

 B8D1BC

 B8E3BF

 B8F6C3

Harmonies

Analogous

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



7E68CD



B850A6



D04374

Triad

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



B850A6



8B7700



008EAE

Complementary

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



B850A6



50B862

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



B850A6



578416

Square

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



B850A6



B36417



008C48



0089D1

Rectangle

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



B850A6



D04853



008C48



008F9E

Sweetspot

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



B850A6



F0C7E9



6150B8



786074



F7F7F7



787878

Same Dimension

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



B850A6



F04DD3



B85073



5C535A



9C0081



1C0017

Inverse Universe

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



B850A6



F04DD3



50B895



5C535A



9C0081



1C0017

Previews

White Background



This preview shows how the Hex color B850A6 looks on a white background.

Color Contrast Check

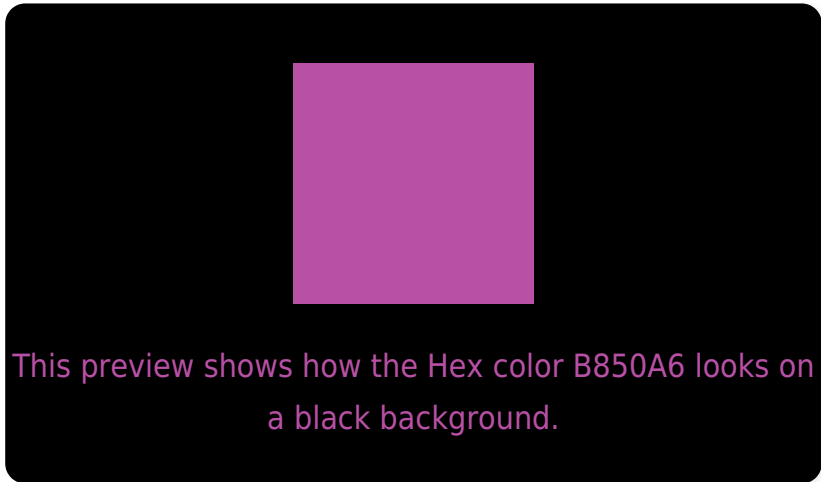
Large Text (above 18pt) WCAG AA ✓ Pass

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

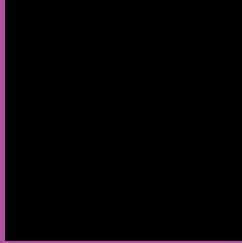
Any Text WCAG AA ✓ Pass

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 B850A6 Background



This preview shows how black text looks on a background with the Hex color B850A6.

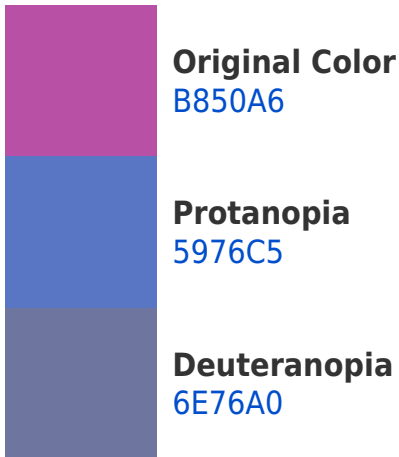


This preview shows how white text looks on a background with the Hex color B850A6.

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
B16067

Trichromacy



Original Color
B850A6

Protanomaly
7C68BA

Deuteranomaly
8968A2

Tritanomaly
B45A7E

Monochromacy



Original Color
B850A6

Achromatopsia
797979

Achromatomaly
906A89

CSS Examples

Text

The CSS property to change the color of the text to Hex B850A6 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 #B850A6 looks like.

```
.text, #text, p{  
    color:#B850A6  
}
```

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 #B850A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B850A6
}
```

Border

The CSS property to change the border of an element to Hex B850A6 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
#B850A6 }
```

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

```
.border{ border-color:#B850A6 }
```

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

Here you see how a box with a 4 pixel #B850A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B850A6; -webkit-box-shadow:4px 4px  
4px 4px #B850A6; box-shadow:4px 4px 4px  
4px #B850A6 }
```

Background

The CSS property to change the background color of an element to Hex B850A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B850A6 }
```

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

```
.background{ background-color:#B850A6 }
```

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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