

Converting Colors

Hex(B850B6)

Have a look what the booklet for
Hex(B850B6) contains.

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Color

Hex(B850B6)

Conversions

Conversions Part 1

Format	Color
Hex	B850B6
RGB	184, 80, 182
RGB Percent	72%, 31%, 71%
CMY	0.2784, 0.6863, 0.2863
CMYK	0.00, 0.57, 0.01, 0.28
HSL	301°, 42%, 52%
HSV	301°, 57%, 72%
XYZ	31.0793, 19.3051, 46.3442
YIQ	122.7240, 29.2420, 53.7700

Conversions

Conversions Part 2

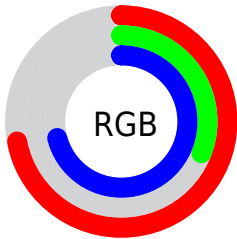
Format	Color
RYB	184, 80, 182
Decimal	12079286
CIELab	51.04, 55.49, -34.85
CIELCh	51, 65.530, 327.867
Yxy	19.3051, 0.3213, 0.1996
Android (android.graphics.Color)	4290269366 (0xFFB850B6)
YUV	122.7240, 29.2231, 53.7391
Hunter-Lab	43.9375, 49.3717, -31.7813

Details

The Hex color **B850B6** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **50B852**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **F286EE**, and **801481** is the 20% darker color. If you saturate the color by 10%, you get **B83EB6**, and if you desaturate by 10%, it is **B862B6**.

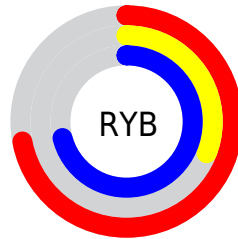
Distribution



Red (72%)

Green (31%)

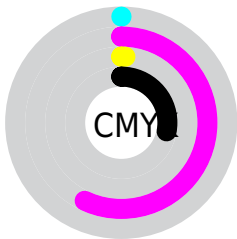
Blue (71%)



Red (72%)

Yellow (31%)

Blue (71%)

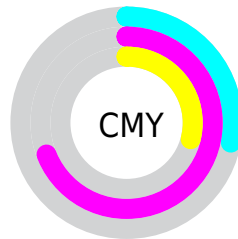


Cyan (0%)

Magenta (57%)

Yellow (1%)

Black (28%)



Cyan (28%)

Magenta (69%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color B850B6 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 B850B6 by changing the saturation by 10% instead.

 B850B6

 B850B6

FFFFFF

 9C349B

 F286EE

 801481

 FFA2FF

 650067

 FFBEFF

 4A004F

 FFDBFF

 330037

 FFF8FF

 130021

 000005

 000000

 B850B6

 B850B6

 B83EB6

 B862B6

 B82BB5

 B875B7

 B819B5

 B887B7

 B806B5

 B89AB7

 B800B4

 B8ACB8

 B8BEB8

 B8D1B8

 B8E3B9

 B8F6B9

Harmonies

Analogous

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



6D6CDD



B850B6



D83B80

Triad

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



B850B6



967600



0092AD

Complementary

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



B850B6



50B852

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.



009274



B850B6



5F8500

Square

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



B850B6



C05E12



008E3A



008ED8

Rectangle

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



B850B6



DC3E5B



008E3A



00939A

Sweetspot

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



B850B6



F0C7EF



5250B8



786077



F7F7F7



787878

Same Dimension

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



B850B6



F04DED



B85082



5C535C



9C0099



1C001C

Inverse Universe

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



B850B6



F04DED



50B886



5C535C



9C0099



1C001C

Previews

White Background



This preview shows how the Hex color B850B6 looks on a white background.

Color Contrast Check

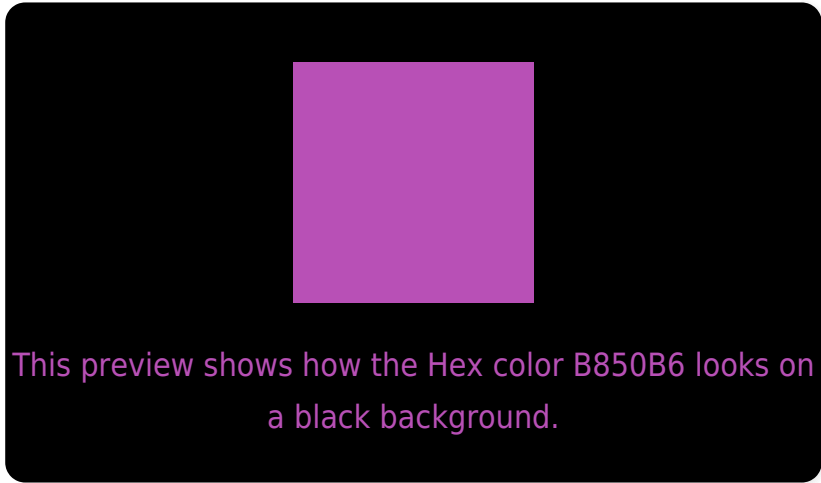
Large Text (above 18pt) WCAG AA ✓ Pass

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

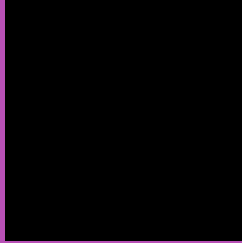
Any Text WCAG AA ✓ Pass

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 B850B6 Background



This preview shows how black text looks on a background with the Hex color B850B6.

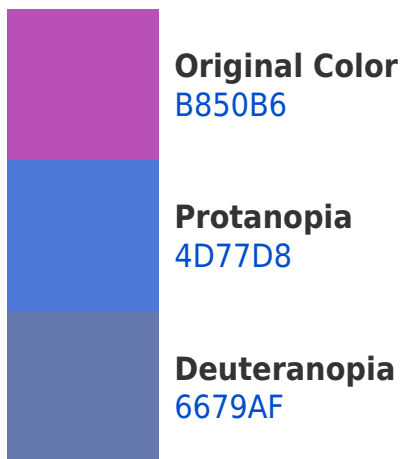


This preview shows how white text looks on a background with the Hex color B850B6.

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](#).

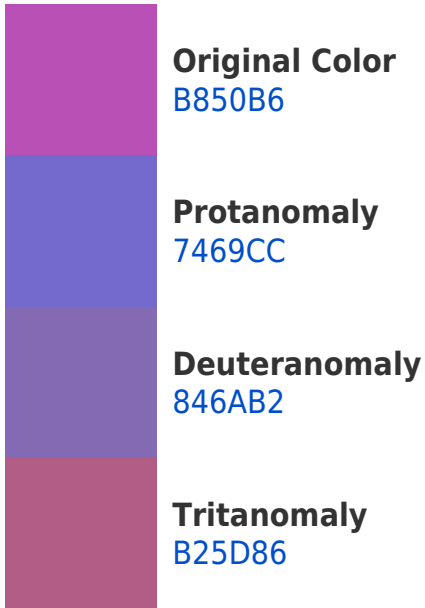
Dichromacy





Tritanopia
AF646B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B850B6 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 #B850B6 looks like.

```
.text, #text, p{  
    color:#B850B6  
}
```

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 #B850B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B850B6
}
```

Border

The CSS property to change the border of an element to Hex B850B6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

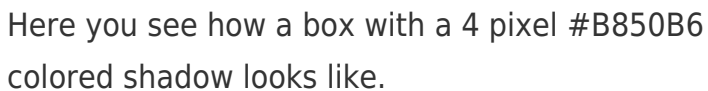
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B850B6 }
```

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

```
.border{ border-color:#B850B6 }
```

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



Here you see how a box with a 4 pixel #B850B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B850B6; -webkit-box-shadow:4px 4px  
4px 4px #B850B6; box-shadow:4px 4px 4px  
4px #B850B6 }
```

Background

The CSS property to change the background color of an element to Hex B850B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B850B6 }
```

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

```
.background{ background-color:#B850B6 }
```

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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