

Converting Colors

Hex(8850B8)

Have a look what the booklet for
Hex(8850B8) contains.

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Color

Hex(8850B8)

Conversions

Conversions Part 1

Format	Color
Hex	8850B8
RGB	136, 80, 184
RGB Percent	53%, 31%, 72%
CMY	0.4667, 0.6863, 0.2784
CMYK	0.26, 0.57, 0.00, 0.28
HSL	272°, 42%, 52%
HSV	272°, 57%, 72%
XYZ	21.6737, 14.4323, 46.9908
YIQ	108.6000, -0.0080, 44.2160

Conversions

Conversions Part 2

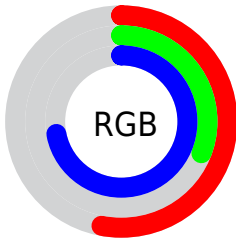
Format	Color
R_{YB}	136, 80, 184
Decimal	8933560
CIE _{Lab}	44.85, 43.20, -46.23
CIE _{LCh}	45, 63.275, 313.058
Yxy	14.4323, 0.2608, 0.1737
Android (android.graphics.Color)	4287123640 (0xFF8850B8)
YUV	108.6000, 37.1722, 24.0298
Hunter-Lab	37.9898, 35.3547, -46.7448

Details

The Hex color **8850B8** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **80B850**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **C083F1**, and **521E82** is the 20% darker color. If you saturate the color by 10%, you get **803EB8**, and if you desaturate by 10%, it is **9062B8**.

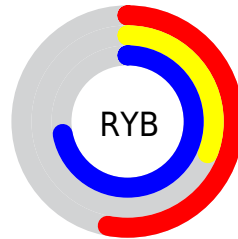
Distribution



Red (53%)

Green (31%)

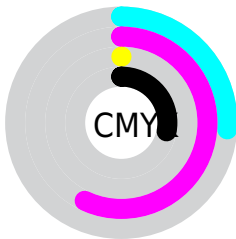
Blue (72%)



Red (53%)

Yellow (31%)

Blue (72%)

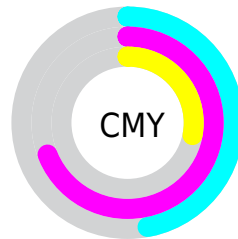


Cyan (26%)

Magenta (57%)

Yellow (0%)

Black (28%)



Cyan (47%)

Magenta (69%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8850B8 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 8850B8 by changing the saturation by 10% instead.

 8850B8

 8850B8

FFFFFF

 6D379D

 C083F1

 521E82

 DD9EFF

 380268

 FABAFF

 1D0050

 FFD6FF

 000038

 FFF2FF

 000222

 000007

 000000

 8850B8

 8850B8

803EB8

9062B8

772BB8

9975B8

6F19B8

A187B8

6606B8

AA9AB8

6300B8

B2ACB8

BBEB8

C3D1B8

CCE3B8

D4F6B8

Harmonies

Analogous

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



0069D2



8850B8



B8338A

Triad

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



8850B8



995D00



008180

Complementary

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



8850B8



80B850

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.



007F49



8850B8



6B6F00

Square

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



8850B8



B94323



2A7A0D



0080B1

Rectangle

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



8850B8



C52A67



2A7A0D



00816E

Sweetspot

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



8850B8



DDC7F0



5081B8



6D6078



F7F7F7



787878

Same Dimension

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



8850B8



A44DF0



B850B5



58535C



54009C



0F001C

Inverse Universe

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



B85080



F04D98



50B853



5C5357



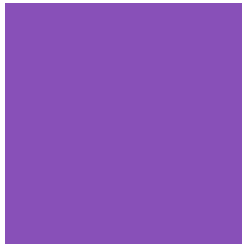
9C0048



1C000D

Previews

White Background



This preview shows how the Hex color 8850B8 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

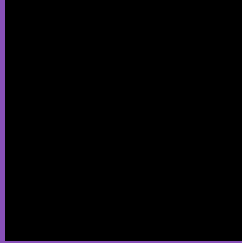
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 8850B8 Background



This preview shows how black text looks on a background with the Hex color 8850B8.




This preview shows how white text looks on a background with the Hex color 8850B8.

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



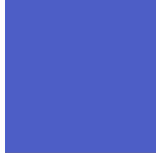


Tritanopia
7B646C

Trichromacy



Original Color
8850B8



Protanomaly
4D5FC7



Deuteranomaly
5661B4



Tritanomaly
805D88

Monochromacy



Original Color
8850B8



Achromatopsia
6D6D6D



Achromatomaly
776288

CSS Examples

Text

The CSS property to change the color of the text to Hex 8850B8 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 #8850B8 looks like.

```
.text, #text, p{  
    color:#8850B8  
}
```

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 #8850B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8850B8
}
```

Border

The CSS property to change the border of an element to Hex 8850B8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

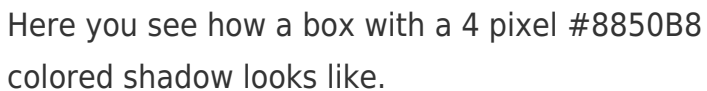
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8850B8 }
```

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

```
.border{ border-color:#8850B8 }
```

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



Here you see how a box with a 4 pixel #8850B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8850B8; -webkit-box-shadow:4px 4px  
4px 4px #8850B8; box-shadow:4px 4px 4px  
4px #8850B8 }
```

Background

The CSS property to change the background color of an element to Hex 8850B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8850B8 }
```

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

```
.background{ background-color:#8850B8 }
```

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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