

Converting Colors

Hex(8804CD)

Have a look what the booklet for
Hex(8804CD) contains.

Hex(8804CD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8804CD)

Conversions

Conversions Part 1

Format	Color
Hex	8804CD
RGB	136, 4, 205
RGB Percent	53%, 2%, 80%
CMY	0.4667, 0.9843, 0.1961
CMYK	0.34, 0.98, 0.00, 0.20
HSL	279°, 96%, 41%
HSV	279°, 98%, 80%
XYZ	21.2162, 9.7289, 58.5172
YIQ	66.3820, 14.1510, 90.4950

Conversions

Conversions Part 2

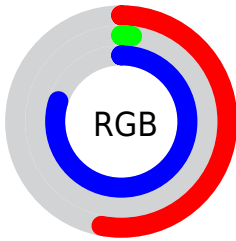
Format	Color
R_{YB}	136, 4, 205
Decimal	8914125
CIE _{Lab}	37.35, 73.34, -70.62
CIE _{LCh}	37, 101.816, 316.083
Yxy	9.7289, 0.2372, 0.1087
Android (android.graphics.Color)	4287104205 (0xFF8804CD)
YUV	66.3820, 68.3387, 61.0550
Hunter-Lab	31.1911, 66.8313, -89.3995

Details

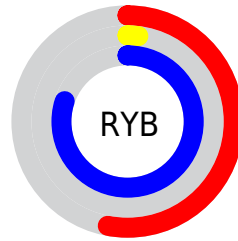
The Hex color **8804CD** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **49CD04**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **C351FF**, and **4C0095** is the 20% darker color. If you saturate the color by 10%, you get **8700CD**, and if you desaturate by 10%, it is **8F18CD**.

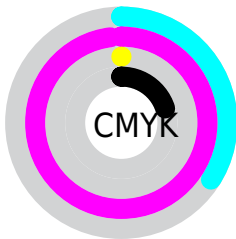
Distribution



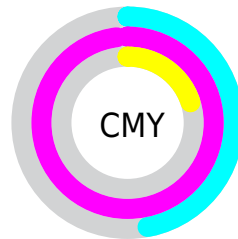
- Red (53%)
- Green (2%)
- Blue (80%)



- Red (53%)
- Yellow (2%)
- Blue (80%)



- Cyan (34%)
- Magenta (98%)
- Yellow (0%)
- Black (20%)



- Cyan (47%)
- Magenta (98%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8804CD 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 8804CD by changing the saturation by 10% instead.

 8804CD

 8804CD

FFFFFF

 6A00B1

 C351FF

 4C0095

 E16EFF

 2C007B

 FF8AFF

 000061

 FFA7FF

 000048

 FFC4FF

 000430

 FFE1FF

 00011A

 000000

 8804CD

 8804CD

8700CD

8F18CD

962DCD

9D41CD

A456CD

AB6ACD

B27FCD

B993CD

C0A8CD

C7BCCD

Harmonies

Analogous

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



0057FC



8804CD



CE0082

Triad

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



8804CD



8B4600



007484

Complementary

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



8804CD



49CD04

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.



00722C



8804CD



416200

Square

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



8804CD



BF0000



006D00



0075D0

Rectangle

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



8804CD



DB004C



006D00



007368

Sweetspot

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



8804CD



E6B5FF



044ACD



705380



000000



808080

Same Dimension

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



8804CD



A700FF



CD04AF



625C66



6D00A6



190026

Inverse Universe

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



CD0449



FF0058



04CD22



665C5F



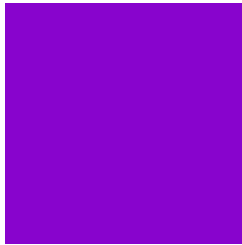
A60039



26000D

Previews

White Background



This preview shows how the Hex color 8804CD looks on a white background.

Color Contrast Check

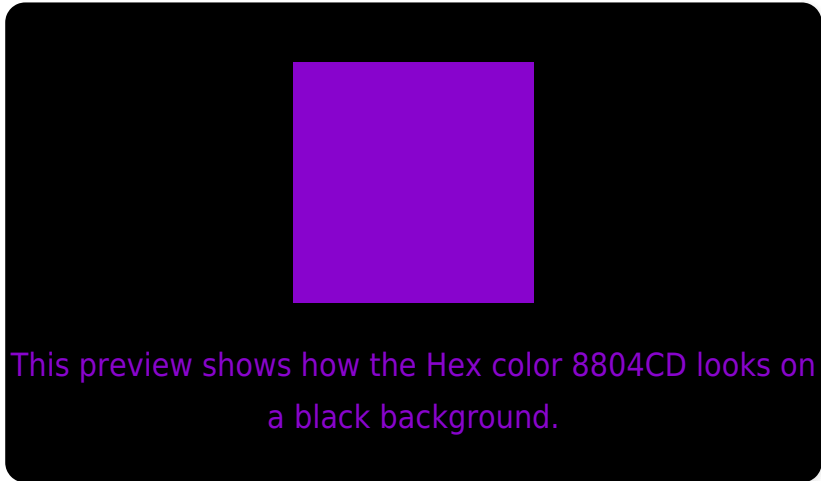
Large Text (above 18pt) WCAG AA ✓ Pass

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

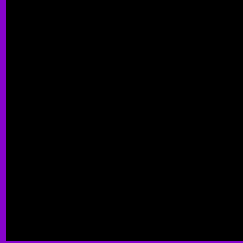
Any Text WCAG AA × Fail

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 8804CD Background



This preview shows how black text looks on a background with the Hex color 8804CD.




This preview shows how white text looks on a background with the Hex color 8804CD.

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
725056

Trichromacy



Original Color
8804CD



Protanomaly
3139BE



Deuteranomaly
313CAF



Tritanomaly
7A3481

Monochromacy



Original Color
8804CD



Achromatopsia
424242



Achromatomaly
5B2B75

CSS Examples

Text

The CSS property to change the color of the text to Hex 8804CD 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 #8804CD looks like.

```
.text, #text, p{  
    color:#8804CD  
}
```

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 #8804CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8804CD
}
```

Border

The CSS property to change the border of an element to Hex 8804CD 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".

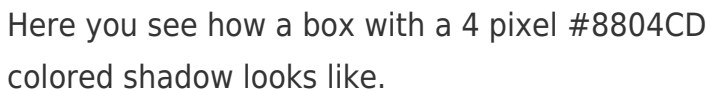
```
.border, #border, table{ border:4px solid
#8804CD }
```

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

```
.border{ border-color:#8804CD }
```

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

Here you see how a box with a 4 pixel #8804CD colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8804CD; -webkit-box-shadow:4px 4px  
4px 4px #8804CD; box-shadow:4px 4px 4px  
4px #8804CD }
```

Background

The CSS property to change the background color of an element to Hex 8804CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8804CD }
```

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

```
.background{ background-color:#8804CD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor