

Converting Colors

Hex(8849D6)

Have a look what the booklet for
Hex(8849D6) contains.

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Color

Hex(8849D6)

Conversions

Conversions Part 1

Format	Color
Hex	8849D6
RGB	136, 73, 214
RGB Percent	53%, 29%, 84%
CMY	0.4667, 0.7137, 0.1608
CMYK	0.36, 0.66, 0.00, 0.16
HSL	267°, 63%, 56%
HSV	267°, 66%, 84%
XYZ	24.6735, 14.8544, 65.1851
YIQ	107.9110, -7.7130, 57.2070

Conversions

Conversions Part 2

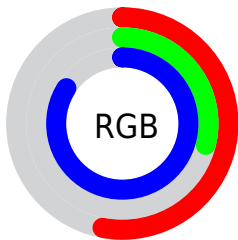
Format	Color
R_{YB}	136, 73, 214
Decimal	8931798
CIE _{Lab}	45.43, 54.16, -62.64
CIE _{LCh}	45, 82.806, 310.845
Yxy	14.8544, 0.2356, 0.1419
Android (android.graphics.Color)	4287121878 (0xFF8849D6)
YUV	107.9110, 52.3019, 24.6341
Hunter-Lab	38.5414, 46.8251, -73.2983

Details

The Hex color **8849D6** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **97D649**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **C27DFF**, and **4E129E** is the 20% darker color. If you saturate the color by 10%, you get **7C34D6**, and if you desaturate by 10%, it is **945ED6**.

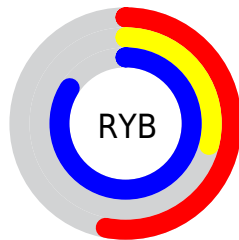
Distribution



Red (53%)

Green (29%)

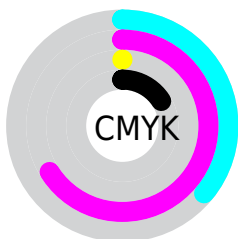
Blue (84%)



Red (53%)

Yellow (29%)

Blue (84%)

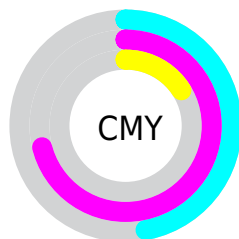


Cyan (36%)

Magenta (66%)

Yellow (0%)

Black (16%)



Cyan (47%)

Magenta (71%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8849D6 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 8849D6 by changing the saturation by 10% instead.

8849D6

8849D6

FFFFFF

6B2FBA

C27DFF

4E129E

DF98FF

300083

FDB4FF

040069

FFD0FF

000050

FFEDFF

000538

000222

000007

000000

8849D6

8849D6

7C34D6

945ED6

701ED6

A074D6

6409D6

AC89D6

6000D6

B79FD6

C3B4D6

CFC9D6

DBDFD6

E7F4D6

F3FFD6

Harmonies

Analogous

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



006DF6



8849D6



CC009B

Triad

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



8849D6



A75700



008784

Complementary

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



8849D6



97D649

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.



00853A



8849D6



6D7100

Square

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



8849D6



CF280E



007E00



0087C6

Rectangle

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



8849D6



DE006D



007E00



00876C

Sweetspot

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



8849D6



E3CCFF



4999D6



6F6180



000000



808080

Same Dimension

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



8849D6



9036FF



CD49D6



65606B



4C00AB



13002B

Inverse Universe

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



D64997



FF36A5



52D649



6B6066



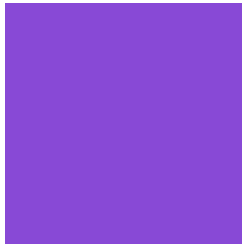
AB005F



2B0018

Previews

White Background



This preview shows how the Hex color 8849D6 looks on a white background.

Color Contrast Check

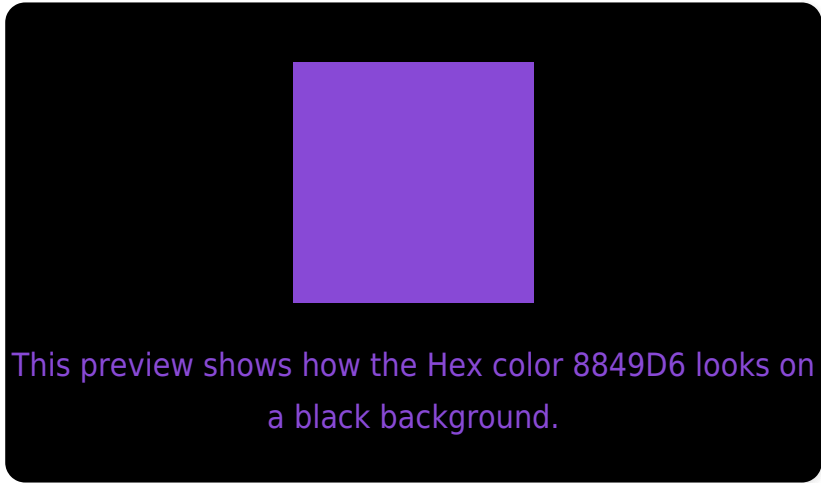
Large Text (above 18pt) WCAG AA ✓ Pass

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

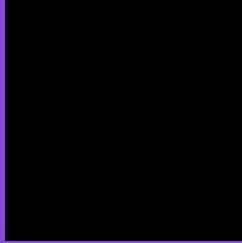
Any Text WCAG AA × Fail

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 8849D6 Background



This preview shows how black text looks on a background with the Hex color 8849D6.

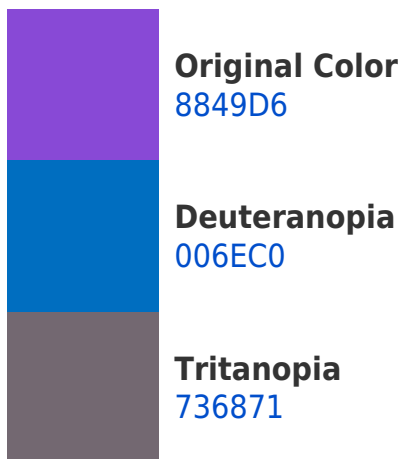


This preview shows how white text looks on a background with the Hex color 8849D6.

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



Trichromacy



Original Color
8849D6



Deuteranomaly
3161C8

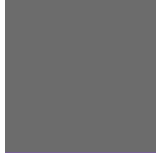


Tritanomaly
7B5D96

Monochromacy



Original Color
8849D6



Achromatopsia
6C6C6C



Achromatomaly
765F93

CSS Examples

Text

The CSS property to change the color of the text to Hex 8849D6 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 #8849D6 looks like.

```
.text, #text, p{  
    color:#8849D6  
}
```

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 #8849D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8849D6
}
```

Border

The CSS property to change the border of an element to Hex 8849D6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

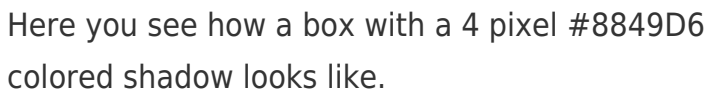
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8849D6 }
```

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

```
.border{ border-color:#8849D6 }
```

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



Here you see how a box with a 4 pixel #8849D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8849D6; -webkit-box-shadow:4px 4px  
4px 4px #8849D6; box-shadow:4px 4px 4px  
4px #8849D6 }
```

Background

The CSS property to change the background color of an element to Hex 8849D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8849D6 }
```

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

```
.background{ background-color:#8849D6 }
```

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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