

Converting Colors

Hex(8647CD)

Have a look what the booklet for
Hex(8647CD) contains.

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Color

Hex(8647CD)

Conversions

Conversions Part 1

Format	Color
Hex	8647CD
RGB	134, 71, 205
RGB Percent	53%, 28%, 80%
CMY	0.4745, 0.7216, 0.1961
CMYK	0.35, 0.65, 0.00, 0.20
HSL	268°, 57%, 54%
HSV	268°, 65%, 80%
XYZ	23.1042, 13.9826, 59.2388
YIQ	105.1130, -5.4660, 55.0300

Conversions

Conversions Part 2

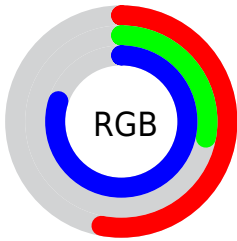
Format	Color
R_{YB}	134, 71, 205
Decimal	8800205
CIE _{Lab}	44.21, 52.53, -59.47
CIE _{LCh}	44, 79.345, 311.457
Yxy	13.9826, 0.2399, 0.1452
Android (android.graphics.Color)	4286990285 (0xFF8647CD)
YUV	105.1130, 49.2443, 25.3339
Hunter-Lab	37.3933, 44.8515, -67.7524

Details

The Hex color **8647CD** 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 **8ECD47**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **BF7BFF**, and **4D1096** is the 20% darker color. If you saturate the color by 10%, you get **7B32CD**, and if you desaturate by 10%, it is **915CCD**.

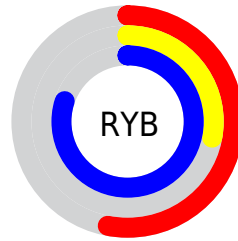
Distribution



Red (53%)

Green (28%)

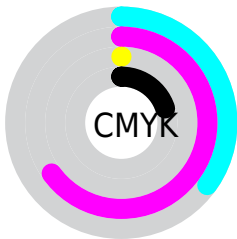
Blue (80%)



Red (53%)

Yellow (28%)

Blue (80%)

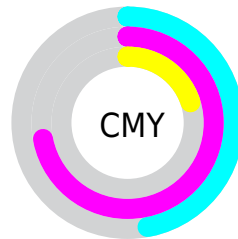


Cyan (35%)

Magenta (65%)

Yellow (0%)

Black (20%)



Cyan (47%)

Magenta (72%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8647CD 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 8647CD by changing the saturation by 10% instead.

8647CD

8647CD

FFFFFF

6A2DB1

BF7BFF

4D1096

DD96FF

30007B

FBB1FF

0A0062

FFCEFF

000049

FFEAFF

000431

00011B

000000

8647CD

8647CD

 7B32CD

 915CCD

 701ECD

 9C70CD

 6509CD

 A784CD

 6000CD

 B199CD

 BCADCD

 C7C2CD

 D2D6CD

 DDEBCD

 E8FFCD

Harmonies

Analogous

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



0069EC



8647CD



C60094

Triad

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



8647CD



A05600



008381

Complementary

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



8647CD



8ECD47

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.



00813B



8647CD



696E00

Square

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



8647CD



C82B0F



007B00



0082C0

Rectangle

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



8647CD



D60068



007B00



00836A

Sweetspot

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



8647CD



E4CCFF



478ECD



6F6180



000000



808080

Same Dimension

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



8647CD



9638FF



C947CD



615C66



4E00A6



120026

Inverse Universe

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



CD478E



FF38A1



4BCD47



665C61



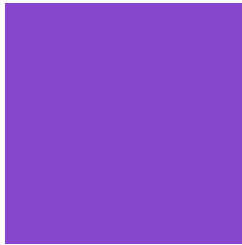
A60058



260014

Previews

White Background



This preview shows how the Hex color 8647CD 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

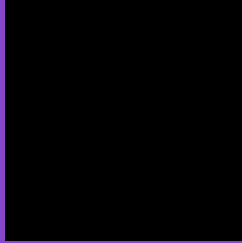
Any Text WCAG AA × Fail

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 8647CD Background



This preview shows how black text looks on a background with the Hex color 8647CD.

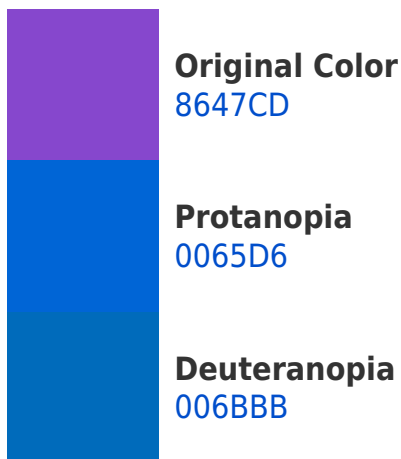



This preview shows how white text looks on a background with the Hex color 8647CD.

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](#).

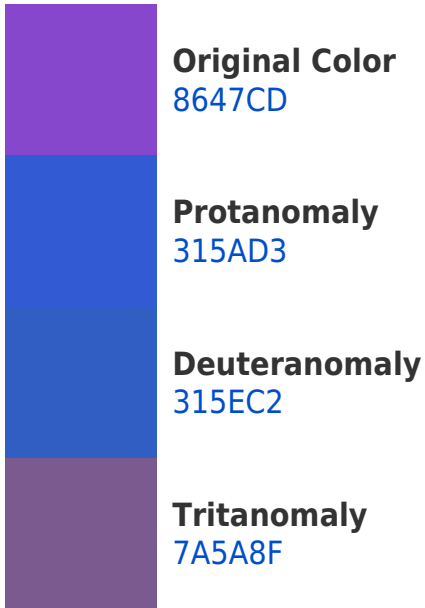
Dichromacy



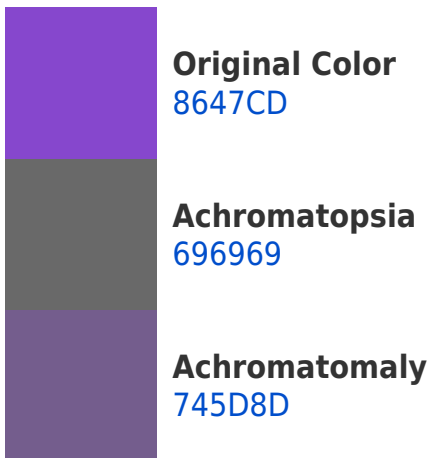


Tritanopia
73656C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8647CD 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 #8647CD looks like.

```
.text, #text, p{  
    color:#8647CD  
}
```

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 #8647CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8647CD
}
```

Border

The CSS property to change the border of an element to Hex 8647CD 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".

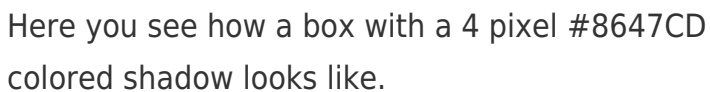
```
.border, #border, table{ border:4px solid
#8647CD }
```

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

```
.border{ border-color:#8647CD }
```

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

Here you see how a box with a 4 pixel #8647CD colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and bottom, and a thicker purple shadow on the right and bottom sides. The text inside the box is black.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8647CD; -webkit-box-shadow:4px 4px  
4px 4px #8647CD; box-shadow:4px 4px 4px  
4px #8647CD }
```

Background

The CSS property to change the background color of an element to Hex 8647CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8647CD }
```

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

```
.background{ background-color:#8647CD }
```

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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