

Converting Colors

Hex(8453C7)

Have a look what the booklet for
Hex(8453C7) contains.

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Color

Hex(8453C7)

Conversions

Conversions Part 1

Format	Color
Hex	8453C7
RGB	132, 83, 199
RGB Percent	52%, 33%, 78%
CMY	0.4824, 0.6745, 0.2196
CMYK	0.34, 0.58, 0.00, 0.22
HSL	265°, 51%, 55%
HSV	265°, 58%, 78%
XYZ	22.9178, 15.2156, 55.7618
YIQ	110.8750, -8.0320, 46.4640

Conversions

Conversions Part 2

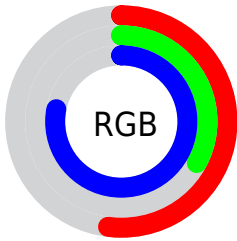
Format	Color
R_{YB}	132, 83, 199
Decimal	8672199
CIE _{Lab}	45.93, 44.27, -53.24
CIE _{LCh}	46, 69.245, 309.747
Yxy	15.2156, 0.2441, 0.1620
Android (android.graphics.Color)	4286862279 (0xFF8453C7)
YUV	110.8750, 43.4456, 18.5266
Hunter-Lab	39.0071, 36.6112, -57.4518

Details

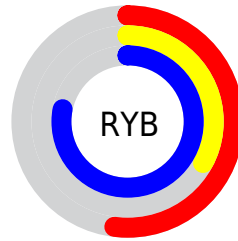
The Hex color **8453C7** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **96C753**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **BC86FF**, and **4D2290** is the 20% darker color. If you saturate the color by 10%, you get **793FC7**, and if you desaturate by 10%, it is **8F67C7**.

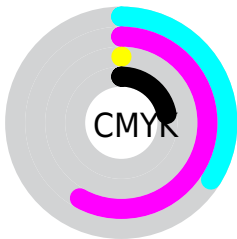
Distribution



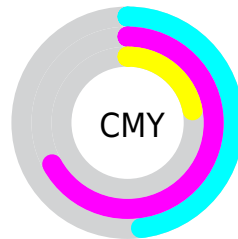
- Red (52%)
- Green (33%)
- Blue (78%)



- Red (52%)
- Yellow (33%)
- Blue (78%)



- Cyan (34%)
- Magenta (58%)
- Yellow (0%)
- Black (22%)



- Cyan (48%)
- Magenta (67%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8453C7 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 8453C7 by changing the saturation by 10% instead.

8453C7

8453C7

FFFFFF

683AAB

BC86FF

4D2290

D9A1FF

300676

F7BDFF

0E005D

FFD9FF

000044

FFF6FF

00032D

000117

000000

8453C7

8453C7

793FC7

8F67C7

6D2BC7

9B7BC7

6217C7

A68FC7

5603C7

B2A3C7

5400C7

BDB7C7

C9CAC7

D4DEC7

E0F2C7

EBFFC7

Harmonies

Analogous

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



006EE1



8453C7



BE2F96

Triad

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



8453C7



A35B00



00867F

Complementary

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



8453C7



96C753

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.



008342



8453C7



737000

Square

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



8453C7



C53C24



2E7D00



0085B6

Rectangle

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



8453C7



CE1D70



2E7D00



00856B

Sweetspot

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



8453C7



E6D4FF



5397C7



716680



000000



808080

Same Dimension

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



8453C7



984DFF



BD53C7



5E5A63



4500A3



0F0024

Inverse Universe

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



C75396



FF4DB4



5DC753



635A5F



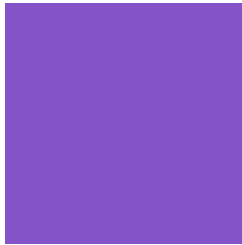
A3005E



240015

Previews

White Background



This preview shows how the Hex color 8453C7 looks on a white background.

Color Contrast Check

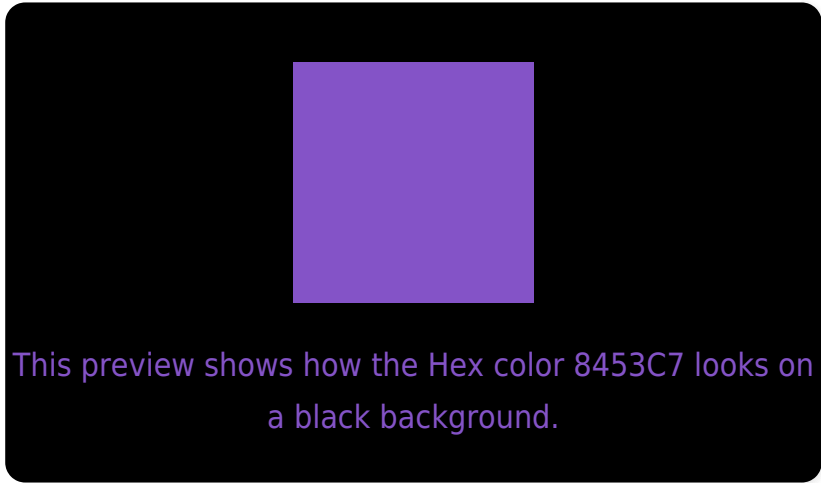
Large Text (above 18pt) WCAG AA ✓ Pass

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

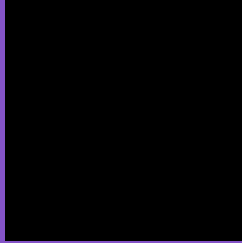
Any Text WCAG AA × Fail

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 8453C7 Background



This preview shows how black text looks on a background with the Hex color 8453C7.

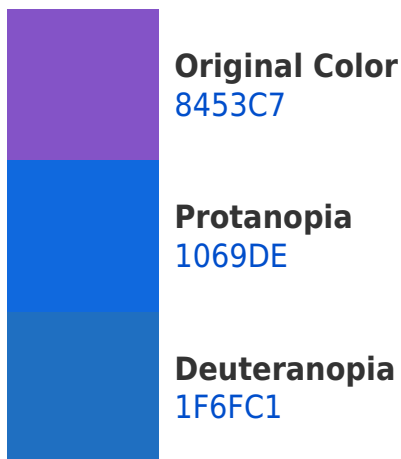


This preview shows how white text looks on a background with the Hex color 8453C7.

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](#).

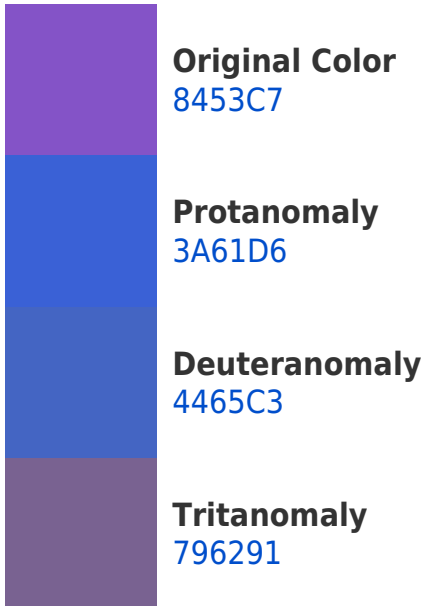
Dichromacy



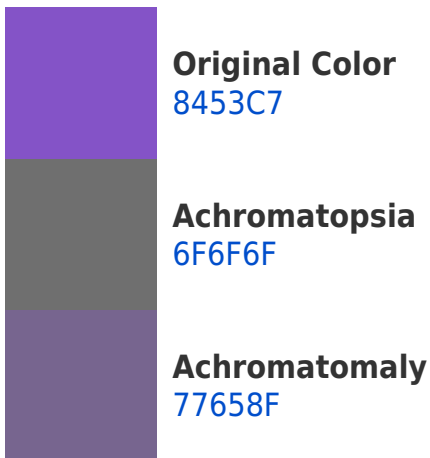


Tritanopia
736A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8453C7 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 #8453C7 looks like.

```
.text, #text, p{  
    color:#8453C7  
}
```

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 #8453C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8453C7
}
```

Border

The CSS property to change the border of an element to Hex 8453C7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

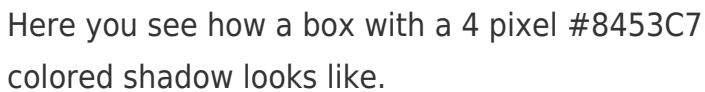
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8453C7 }
```

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

```
.border{ border-color:#8453C7 }
```

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



Here you see how a box with a 4 pixel #8453C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8453C7; -webkit-box-shadow:4px 4px  
4px 4px #8453C7; box-shadow:4px 4px 4px  
4px #8453C7 }
```

Background

The CSS property to change the background color of an element to Hex 8453C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8453C7 }
```

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

```
.background{ background-color:#8453C7 }
```

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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