

# Converting Colors

Hex(8484DC)

Have a look what the booklet for  
Hex(8484DC) contains.

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# **Color**

**Hex(8484DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8484DC
RGB	132, 132, 220
RGB Percent	52%, 52%, 86%
CMY	0.4824, 0.4824, 0.1373
CMYK	0.40, 0.40, 0.00, 0.14
HSL	240°, 56%, 69%
HSV	240°, 40%, 86%
XYZ	30.6853, 26.5754, 71.2224
YIQ	142.0320, -28.2480, 27.3680

# Conversions

## Conversions Part 2

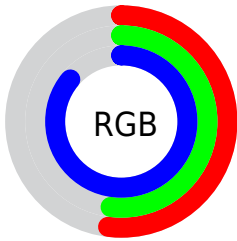
Format	Color
<a href="#">RYB</a>	<a href="#">132, 132, 220</a>
Decimal	<a href="#">8684764</a>
CIELab	<a href="#">58.58, 21.54, -45.03</a>
CIELCh	<a href="#">59, 49.916, 295.568</a>
Yxy	<a href="#">26.5754, 0.2388, 0.2068</a>
Android (android.graphics.Color)	<a href="#">4286874844 (0xFF8484DC)</a>
YUV	<a href="#">142.0320, 38.4382, -8.7981</a>
Hunter-Lab	<a href="#">51.5513, 16.0351, -45.8282</a>

# Details

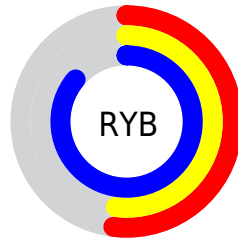
The Hex color **8484DC** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **DCDC84**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **BCB9FF**, and **4D53A4** is the 20% darker color. If you saturate the color by 10%, you get **6E6EDC**, and if you desaturate by 10%, it is **9A9ADC**.

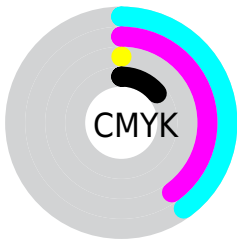
# Distribution



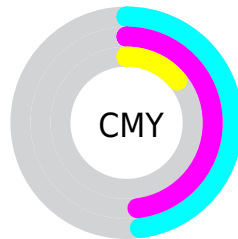
- Red (52%)
- Green (52%)
- Blue (86%)



- Red (52%)
- Yellow (52%)
- Blue (86%)



- Cyan (40%)
- Magenta (40%)
- Yellow (0%)
- Black (14%)



- Cyan (48%)
- Magenta (48%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8484DC 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 8484DC by changing the saturation by 10% instead.



 8484DC

 8484DC

FFFFFF

 696BC0

 BCB9FF

 4D53A4

 D9D5FF

 313C8A

 F6F1FF

 0C2670

 001357

 00003F

 000328

 000112

 000000

8484DC

8484DC

6E6EDC

9A9ADC

5858DC

B0B0DC

4242DC

C6C6DC

2C2CDC

DCDCDC

1616DC

F2F2DC

0000DC

FFFFDC

# Harmonies

## Analogous

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



0094E4



8484DC



BC72BF

# Triad

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



8484DC



CB7845



00A285

# Complementary

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



8484DC



DCDC84

# 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.



489E59



8484DC



AB8831

# Square

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



8484DC



DD6A6A



809639



00A2B1

# Rectangle

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



8484DC



D269A4



809639



00A176



# Sweetspot

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



8484DC



E0E0FF



84DCDC



6E6E80



000000



808080



# Same Dimension

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



8484DC



8585FF



B084DC



63636E



0000AD



00002E



# Inverse Universe

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



DC84DC



FF85FF



B0DC84



6E636E



AD00AD

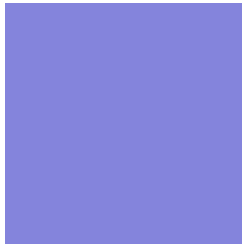


2E002E



# Previews

## White Background



This preview shows how the Hex color 8484DC looks on a white background.

## Color Contrast Check

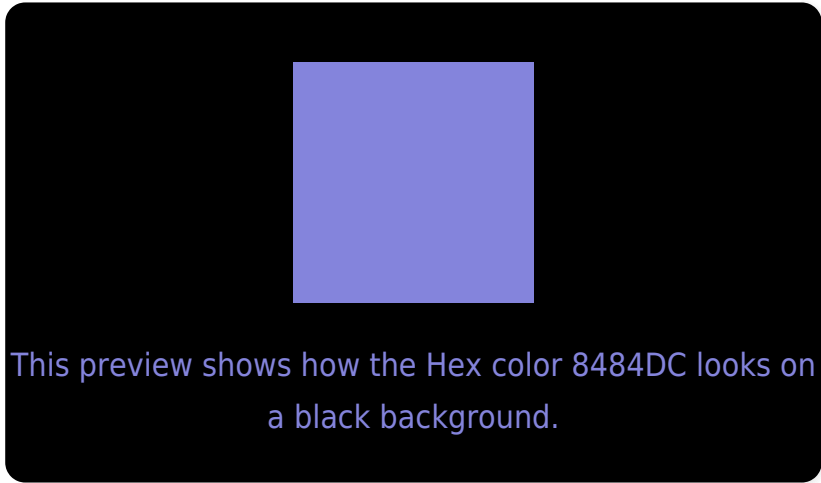
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 8484DC Background



This preview shows how black text looks on a background with the Hex color 8484DC.

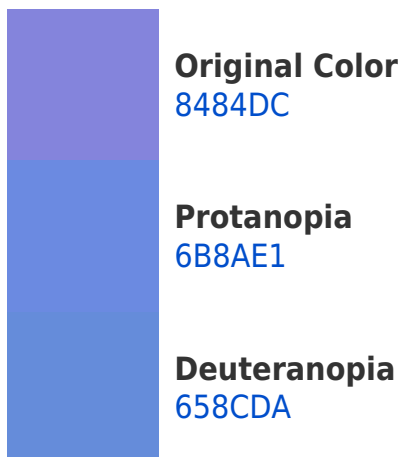



This preview shows how white text looks on a background with the Hex color 8484DC.

# 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](#).

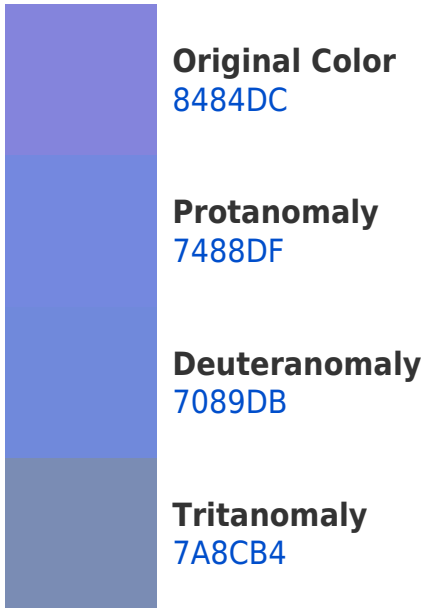
## Dichromacy



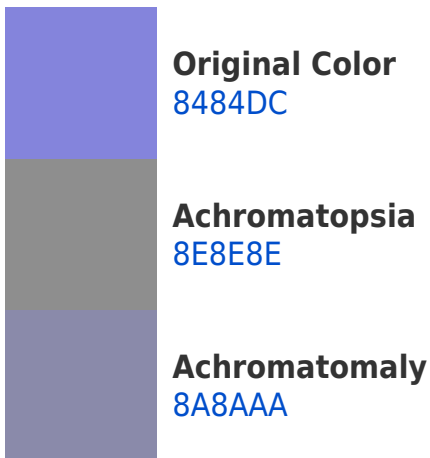


**Tritanopia**  
75919D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8484DC 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 #8484DC looks like.

```
.text, #text, p{  
    color:#8484DC  
}
```

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 #8484DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8484DC
}
```

## Border

The CSS property to change the border of an element to Hex 8484DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

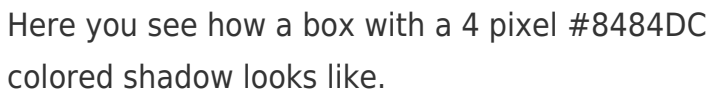
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8484DC }
```

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

```
.border{ border-color:#8484DC }
```

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



Here you see how a box with a 4 pixel #8484DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8484DC; -webkit-box-shadow:4px 4px  
4px 4px #8484DC; box-shadow:4px 4px 4px  
4px #8484DC }
```

# Background

The CSS property to change the background color of an element to Hex 8484DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8484DC }
```

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

```
.background{ background-color:#8484DC }
```

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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