

# Converting Colors

Hex(8378DB)

Have a look what the booklet for  
Hex(8378DB) contains.

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# Color

Hex(8378DB)

# Conversions

## Conversions Part 1

Format	Color
Hex	8378DB
RGB	131, 120, 219
RGB Percent	51%, 47%, 86%
CMY	0.4863, 0.5294, 0.1412
CMYK	0.40, 0.45, 0.00, 0.14
HSL	247°, 58%, 66%
HSV	247°, 45%, 86%
XYZ	28.8627, 23.3727, 70.0080
YIQ	134.5750, -25.2230, 33.1210

# Conversions

## Conversions Part 2

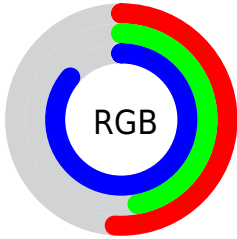
Format	Color
<a href="#">RYB</a>	<a href="#">131, 120, 219</a>
Decimal	<a href="#">8616155</a>
CIELab	<a href="#">55.45, 28.08, -49.42</a>
CIELCh	<a href="#">55, 56.845, 299.606</a>
Yxy	<a href="#">23.3727, 0.2361, 0.1912</a>
Android (android.graphics.Color)	<a href="#">4286806235 (0xFF8378DB)</a>
YUV	<a href="#">134.5750, 41.6215, -3.1353</a>
Hunter-Lab	<a href="#">48.3453, 21.9623, -52.0150</a>

# Details

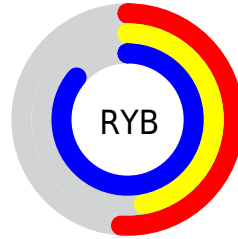
The Hex color **8378DB** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **D0DB78**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **BBACFF**, and **4C47A3** is the 20% darker color. If you saturate the color by 10%, you get **7062DB**, and if you desaturate by 10%, it is **968EDB**.

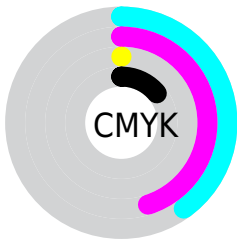
# Distribution



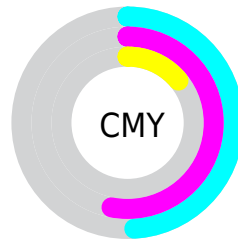
- Red (51%)
- Green (47%)
- Blue (86%)



- Red (51%)
- Yellow (47%)
- Blue (86%)



- Cyan (40%)
- Magenta (45%)
- Yellow (0%)
- Black (14%)



- Cyan (49%)
- Magenta (53%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8378DB 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 8378DB by changing the saturation by 10% instead.



 8378DB

 8378DB

FFFFFF

 675FBF

 BBACFF

 4C47A3

 D8C8FF

 2E3189

 F6E4FF

 061C6F

 000756

 00003E

 000327

 000110

 000000

 8378DB

 8378DB

 7062DB

 968EDB

 5C4CDB

 AAA4DB

 4936DB

 BDBADB

 3520DB

 D1D0DB

 220BDB

 E4E5DB

 1800DB

 F8FBDB

 FFFFDB

# Harmonies

## Analogous

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



008BE8



8378DB



BF62B7

# Triad

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



8378DB



C46F2E



009C83

# Complementary

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



8378DB



D0DB78

# 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.



1C9850



8378DB



9E8214

# Square

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



8378DB



DB5C57



6D9026



009CB4

# Rectangle

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



8378DB



D55898



6D9026



009B71



# Sweetspot

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



8378DB



DFDBFF



78D1DB



6C6A80



000000



808080



# Same Dimension

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



8378DB



8575FF



B378DB



64636E



1300AD



05002E



# Inverse Universe

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



DB78D0



FF75F0



A0DB78



6E636C



AD009A

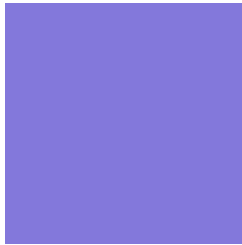


2E0029



# Previews

## White Background



This preview shows how the Hex color 8378DB looks on a white background.

## Color Contrast Check

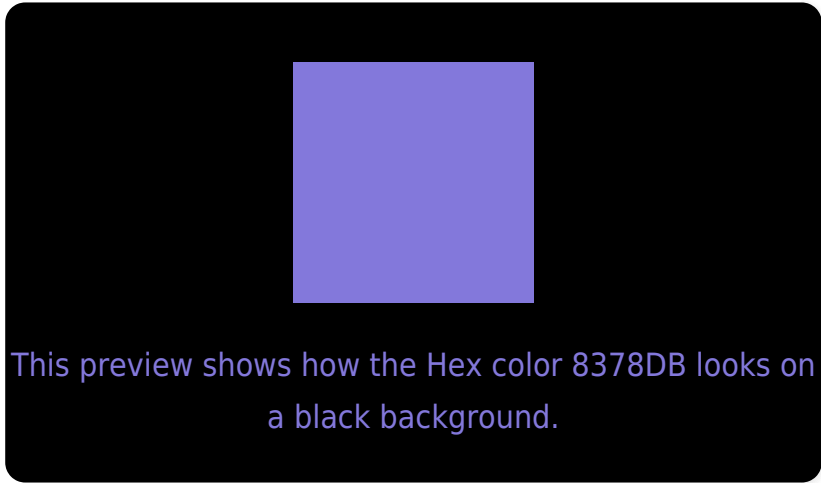
Large Text (above 18pt) WCAG AA ✓ Pass

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 8378DB Background



This preview shows how black text looks on a background with the Hex color 8378DB.

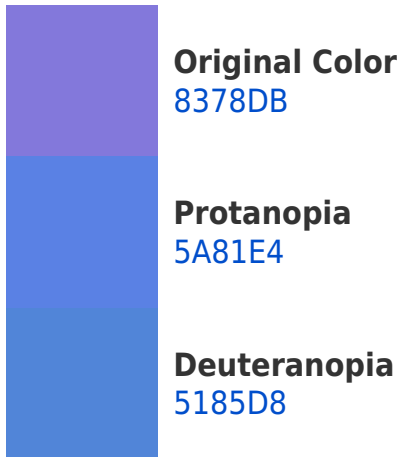


This preview shows how white text looks on a background with the Hex color 8378DB.

# 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](#).

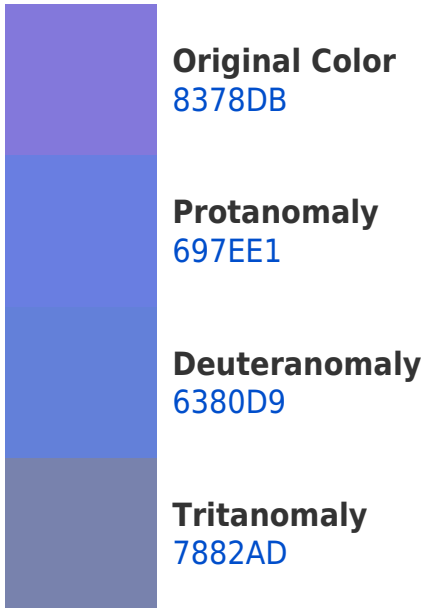
## Dichromacy



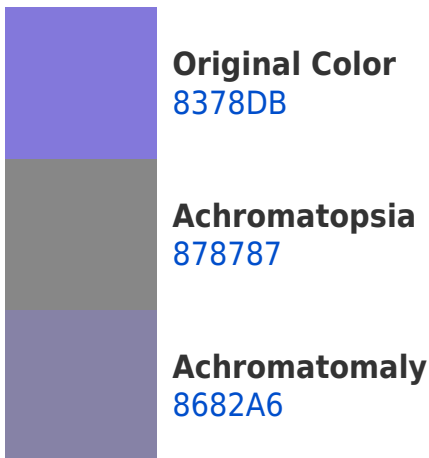


**Tritanopia**  
728893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8378DB 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 #8378DB looks like.

```
.text, #text, p{  
    color:#8378DB  
}
```

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 #8378DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8378DB
}
```

## Border

The CSS property to change the border of an element to Hex 8378DB is called "border". The border property can be set on classes, ids or directly on the HTML element.

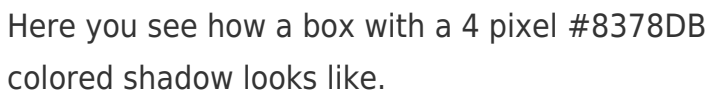
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8378DB }
```

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

```
.border{ border-color:#8378DB }
```

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



Here you see how a box with a 4 pixel #8378DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8378DB; -webkit-box-shadow:4px 4px  
4px 4px #8378DB; box-shadow:4px 4px 4px  
4px #8378DB }
```

# Background

The CSS property to change the background color of an element to Hex 8378DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8378DB }
```

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

```
.background{ background-color:#8378DB }
```

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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