

# Converting Colors

Hex(8084DB)

Have a look what the booklet for  
Hex(8084DB) contains.

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# **Color**

**Hex(8084DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8084DB
RGB	128, 132, 219
RGB Percent	50%, 52%, 86%
CMY	0.4980, 0.4824, 0.1412
CMYK	0.42, 0.40, 0.00, 0.14
HSL	237°, 56%, 68%
HSV	237°, 42%, 86%
XYZ	29.9395, 26.2062, 70.4982
YIQ	140.7220, -30.3110, 26.2090

# Conversions

## Conversions Part 2

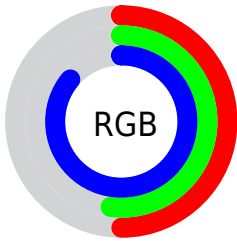
Format	Color
R <sub>Y</sub> B	128, 132, 219
Decimal	8422619
CIE Lab	58.23, 20.24, -45.04
CIE LCh	58, 49.374, 294.197
Yxy	26.2062, 0.2364, 0.2069
Android (android.graphics.Color)	4286612699 (0xFF8084DB)
YUV	140.7220, 38.5911, -11.1572
Hunter-Lab	51.1920, 14.8094, -45.8158

# Details

The Hex color **8084DB** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **DBD780**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **B8B9FF**, and **4953A3** is the 20% darker color. If you saturate the color by 10%, you get **6A6FDB**, and if you desaturate by 10%, it is **9699DB**.

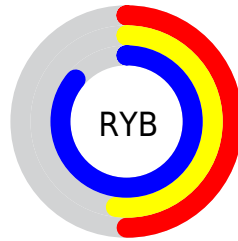
# Distribution



Red (50%)

Green (52%)

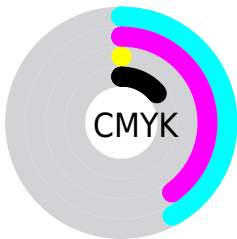
Blue (86%)



Red (50%)

Yellow (52%)

Blue (86%)

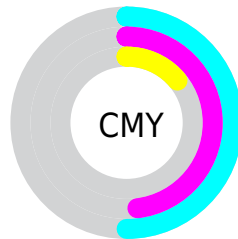


Cyan (42%)

Magenta (40%)

Yellow (0%)

Black (14%)



Cyan (50%)

Magenta (48%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8084DB 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 8084DB by changing the saturation by 10% instead.



 8084DB

 8084DB

FFFFFF

 646BBF

 B8B9FF

 4953A3

 D5D5FF

 2C3C89

 F2F1FF

 01266F

 001356

 00003E

 000327

 000111

 000000

 8084DB

 8084DB

 6A6FDB

 9699DB

 545ADB

 ACAEDB

 3E45DB

 C2C3DB

 2830DB

 D8D8DB

 121BDB

 EDEDDB

 000ADB

 FFFFDB

# Harmonies

## Analogous

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



0093E2



8084DB



B972BF

# Triad

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



8084DB



CB7647



00A182

# Complementary

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



8084DB



DBD780

# 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.



4C9D57



8084DB



AB8732

# Square

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



8084DB



DB696B



829438



00A1AE

# Rectangle

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



8084DB



D069A5



829438



00A073



# Sweetspot

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



8084DB



E0E2FF



80DBD6



6E6E80



000000



808080



# Same Dimension

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



8084DB



8085FF



A980DB



63636E



0008AD



00022E



# Inverse Universe

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



DB8084



FF8085



B2DB80



6E6363



AD0008

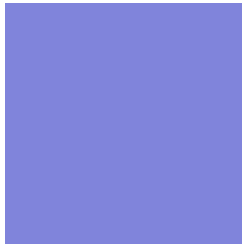


2E0002



# Previews

## White Background



This preview shows how the Hex color 8084DB looks on a white background.

## Color Contrast Check

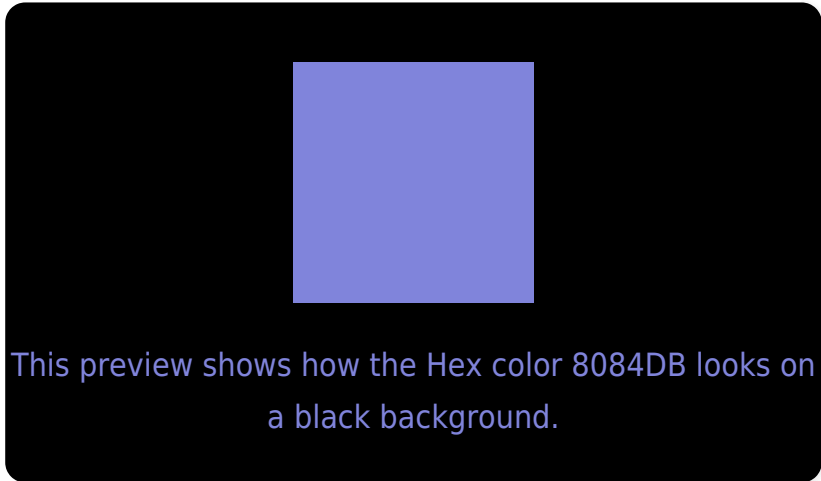
Large Text (above 18pt) WCAG AA ✓ Pass

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

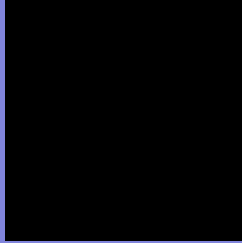
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8084DB Background



This preview shows how black text looks on a background with the Hex color 8084DB.

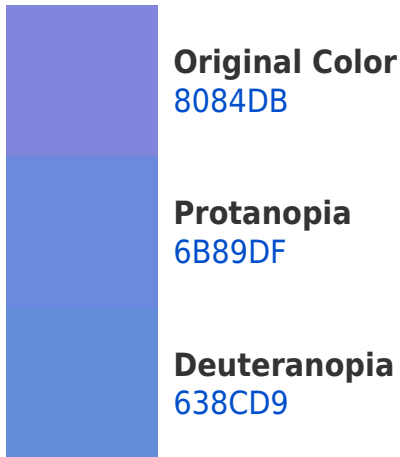



This preview shows how white text looks on a background with the Hex color 8084DB.

# 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](#).

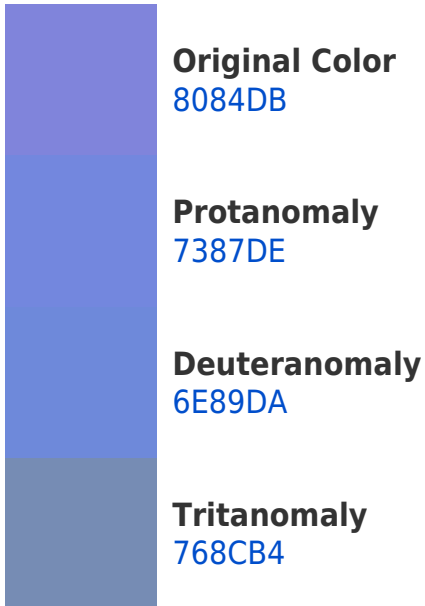
## Dichromacy



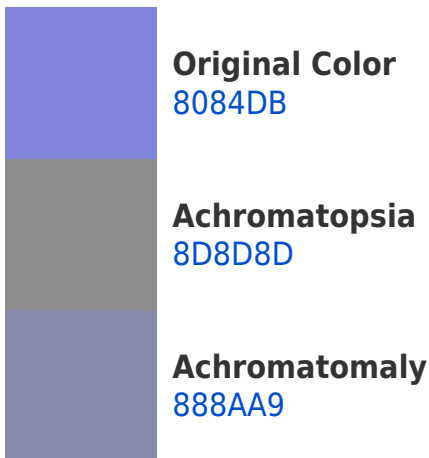


**Tritanopia**  
70919D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8084DB 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 #8084DB looks like.

```
.text, #text, p{
  color:#8084DB
}
```

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 #8084DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8084DB
}
```

## Border

The CSS property to change the border of an element to Hex 8084DB 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
#8084DB }
```

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

```
.border{ border-color:#8084DB }
```

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

Here you see how a box with a 4 pixel #8084DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8084DB; -webkit-box-shadow:4px 4px  
4px 4px #8084DB; box-shadow:4px 4px 4px  
4px #8084DB }
```

# Background

The CSS property to change the background color of an element to Hex 8084DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8084DB }
```

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

```
.background{ background-color:#8084DB }
```

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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