

Converting Colors

Hex(8068DB)

Have a look what the booklet for
Hex(8068DB) contains.

Hex(8068DB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8068DB)

Conversions

Conversions Part 1

Format	Color
Hex	8068DB
RGB	128, 104, 219
RGB Percent	50%, 41%, 86%
CMY	0.4980, 0.5922, 0.1412
CMYK	0.42, 0.53, 0.00, 0.14
HSL	253°, 61%, 63%
HSV	253°, 53%, 86%
XYZ	26.6386, 19.6043, 69.3978
YIQ	124.2860, -22.6110, 40.8530

Conversions

Conversions Part 2

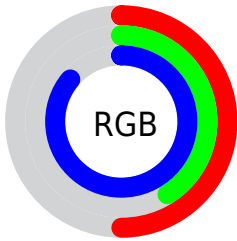
Format	Color
RYB	128, 104, 219
Decimal	8415451
CIELab	51.39, 36.75, -55.93
CIELCh	51, 66.926, 303.306
Yxy	19.6043, 0.2304, 0.1695
Android (android.graphics.Color)	4286605531 (0xFF8068DB)
YUV	124.2860, 46.6940, 3.2572
Hunter-Lab	44.2767, 29.9082, -61.9354

Details

The Hex color **8068DB** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **C3DB68**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B99CFF**, and **4738A3** is the 20% darker color. If you saturate the color by 10%, you get **6F52DB**, and if you desaturate by 10%, it is **917EDB**.

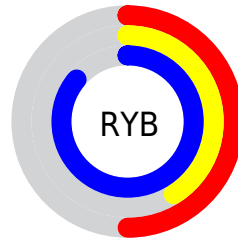
Distribution



Red (50%)

Green (41%)

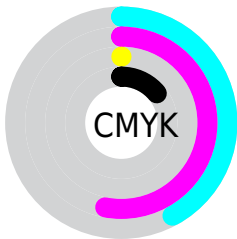
Blue (86%)



Red (50%)

Yellow (41%)

Blue (86%)

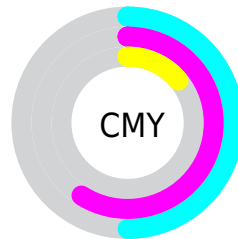


Cyan (42%)

Magenta (53%)

Yellow (0%)

Black (14%)



Cyan (50%)

Magenta (59%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8068DB 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 8068DB by changing the saturation by 10% instead.

 8068DB

 8068DB

FFFFFF

 644FBF

 B99CFF

 4738A3

 D6B7FF

 282188

 F4D3FF

 000C6E

 FFEFFF

 000055

 00063D

 000326

 00010F

 000000

 8068DB

 8068DB

 6F52DB

 917EDB

 5D3CDB

 A394DB

 4C26DB

 B4AADB

 3B10DB

 C5C0DB

 2E00DB

 D7D5DB

 E8EBDB

 F9FFDB

 FFFFDB

Harmonies

Analogous

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



0080EE



8068DB



C34AAF

Triad

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



8068DB



BB6400



00947F

Complementary

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



8068DB



C3DB68

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.



009044



8068DB



8E7A00

Square

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



8068DB



D8483F



538900



0093B8

Rectangle

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



8068DB



D83B8A



538900



00936B

Sweetspot

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



8068DB



DFD6FF



68C4DB



6C6780



000000



808080

Same Dimension

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



8068DB



805EFF



B968DB



65636E



2400AD



0A002E

Inverse Universe

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



DB68C3



FF5EDD



8BDB68



6E636B



AD0089



2E0024

Previews

White Background



This preview shows how the Hex color 8068DB looks on a white background.

Color Contrast Check

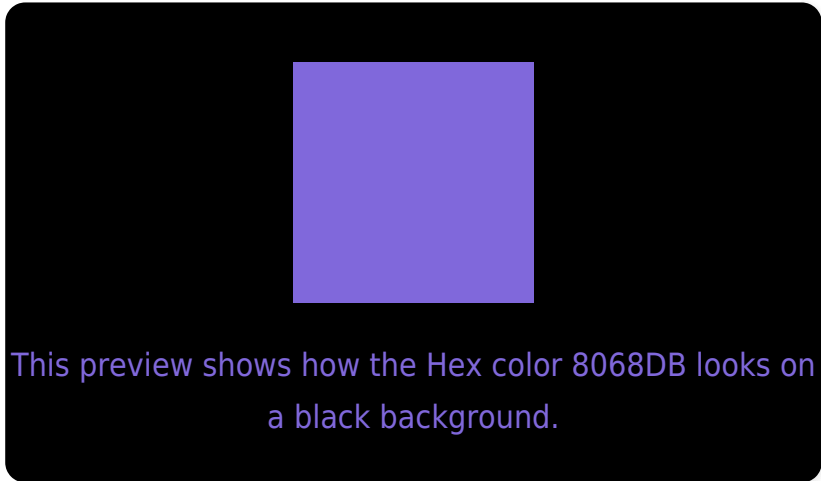
Large Text (above 18pt) WCAG AA ✓ Pass

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 8068DB Background



This preview shows how black text looks on a background with the Hex color 8068DB.

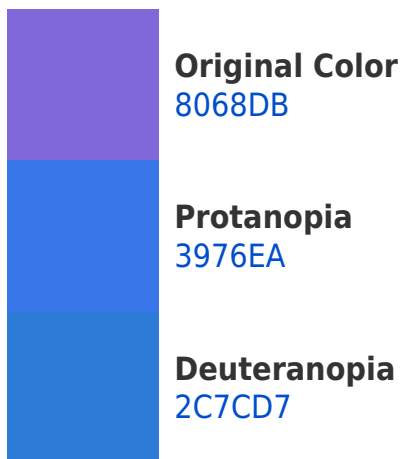


This preview shows how white text looks on a background with the Hex color 8068DB.

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
6C7D87

Trichromacy



Original Color
8068DB

Protanomaly
5371E5

Deuteranomaly
4B75D8

Tritanomaly
7375A6

Monochromacy



Original Color
8068DB

Achromatopsia
7C7C7C

Achromatomaly
7D759F

CSS Examples

Text

The CSS property to change the color of the text to Hex 8068DB 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 #8068DB looks like.

```
.text, #text, p{  
    color:#8068DB  
}
```

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 #8068DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8068DB
}
```

Border

The CSS property to change the border of an element to Hex 8068DB is called "border". The border property can be set on classes, ids or directly on the HTML element.

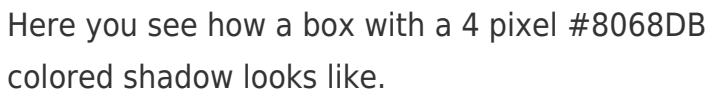
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8068DB }
```

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

```
.border{ border-color:#8068DB }
```

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



Here you see how a box with a 4 pixel #8068DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8068DB; -webkit-box-shadow:4px 4px  
4px 4px #8068DB; box-shadow:4px 4px 4px  
4px #8068DB }
```

Background

The CSS property to change the background color of an element to Hex 8068DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8068DB }
```

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

```
.background{ background-color:#8068DB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor