

Converting Colors

Hex(8064DF)

Have a look what the booklet for
Hex(8064DF) contains.

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Color

Hex(8064DF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8064DF |
| RGB | 128, 100, 223 |
| RGB Percent | 50%, 39%, 87% |
| CMY | 0.4980, 0.6078, 0.1255 |
| CMYK | 0.43, 0.55, 0.00, 0.13 |
| HSL | 254°, 66%, 63% |
| HSV | 254°, 55%, 87% |
| XYZ | 26.7785, 19.0313, 72.0741 |
| YIQ | 122.3940, -22.7950, 44.1890 |

Conversions

Conversions Part 2

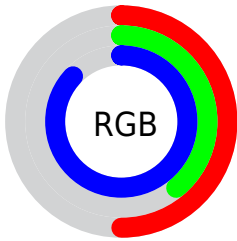
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 128, 100, 223 |
| Decimal | 8414431 |
| CIE _{Lab} | 50.72, 40.18, -59.26 |
| CIE _{LCh} | 51, 71.599, 304.138 |
| Yxy | 19.0313, 0.2272, 0.1614 |
| Android (android.graphics.Color) | 4286604511 (0xFF8064DF) |
| YUV | 122.3940, 49.5988, 4.9165 |
| Hunter-Lab | 43.6248, 33.2265, -67.4177 |

Details

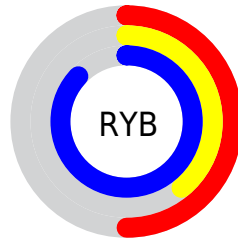
The Hex color **8064DF** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **C3DF64**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **BA98FF**, and **4634A7** is the 20% darker color. If you saturate the color by 10%, you get **6F4EDF**, and if you desaturate by 10%, it is **917ADF**.

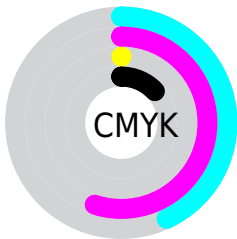
Distribution



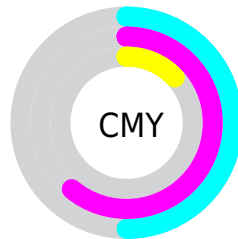
- Red (50%)
- Green (39%)
- Blue (87%)



- Red (50%)
- Yellow (39%)
- Blue (87%)



- Cyan (43%)
- Magenta (55%)
- Yellow (0%)
- Black (13%)



- Cyan (50%)
- Magenta (61%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8064DF 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 8064DF by changing the saturation by 10% instead.

 8064DF

 8064DF

FFFFFF

 634BC3

 BA98FF

 4634A7

 D7B3FF

 251D8C

 F5CEFF

 000672

 FFEBFF

 000059

 000640

 000329


 000113

 000000

 8064DF

 8064DF

 6F4EDF

 917ADF

 5E37DF

 A291DF

 4C21DF

 B4A7DF

 3B0BDF

 C5BDDF

 3300DF

 D6D3DF

 E7EADF

 F9FFDF

 FFFFDF

Harmonies

Analogous

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



007EF4



8064DF



C741AF

Triad

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



8064DF



BB6100



009380

Complementary

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



8064DF



C3DF64

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.



009040



8064DF



8B7900

Square

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



8064DF



DB4038



4A8800



0093BC

Rectangle

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



8064DF



DD2E88



4A8800



00926A

Sweetspot

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



8064DF



DED4FF



64C4DF



6C6680



000000



808080

Same Dimension

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



8064DF



7D57FF



BC64DF



686570



2800B0



0B0030

Inverse Universe

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



DF64C3



FF57D9



87DF64



70656E



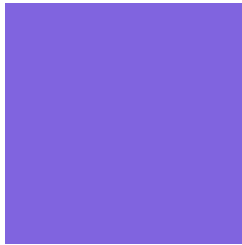
B00088



300025

Previews

White Background



This preview shows how the Hex color 8064DF looks on a white background.

Color Contrast Check

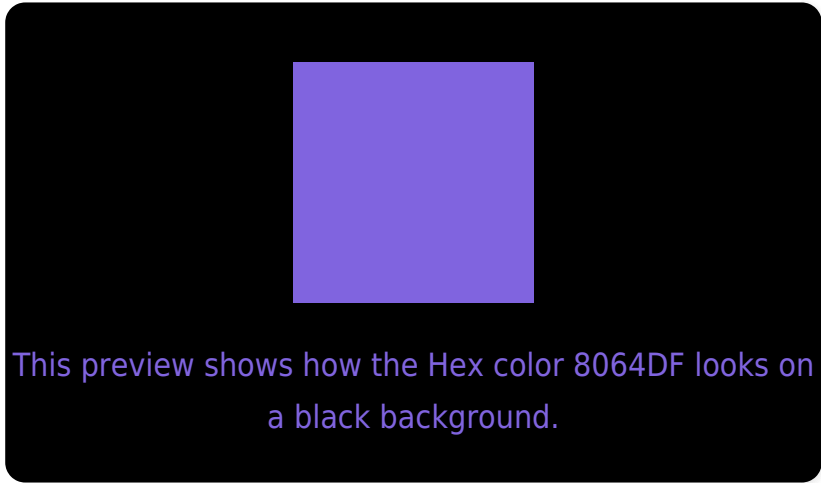
Large Text (above 18pt) WCAG AA ✓ Pass

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

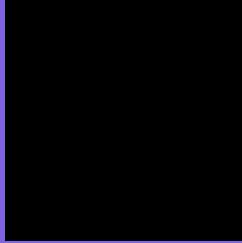
Any Text WCAG AA ✓ Pass

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 8064DF Background



This preview shows how black text looks on a background with the Hex color 8064DF.

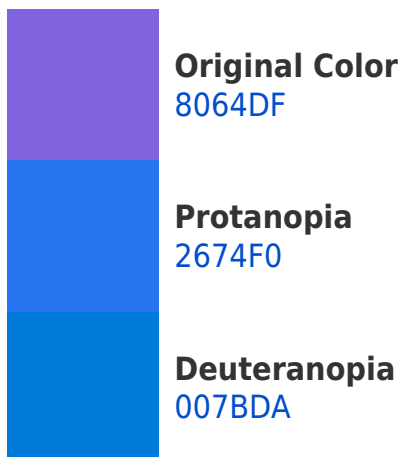


This preview shows how white text looks on a background with the Hex color 8064DF.

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
6A7B85

Trichromacy



Original Color
8064DF



Protanomaly
476EEA



Deuteranomaly
2F73DC



Tritanomaly
7273A6

Monochromacy



Original Color
8064DF



Achromatopsia
7A7A7A



Achromatomaly
7C729F

CSS Examples

Text

The CSS property to change the color of the text to Hex 8064DF 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 #8064DF looks like.

```
.text, #text, p{  
    color:#8064DF  
}
```

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 #8064DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8064DF
}
```

Border

The CSS property to change the border of an element to Hex 8064DF 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
#8064DF }
```

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

```
.border{ border-color:#8064DF }
```

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

Here you see how a box with a 4 pixel #8064DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8064DF; -webkit-box-shadow:4px 4px  
4px 4px #8064DF; box-shadow:4px 4px 4px  
4px #8064DF }
```

Background

The CSS property to change the background color of an element to Hex 8064DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8064DF }
```

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

```
.background{ background-color:#8064DF }
```

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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