

Converting Colors

Hex(828ADB)

Have a look what the booklet for
Hex(828ADB) contains.

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Color

Hex(828ADB)

Conversions

Conversions Part 1

Format	Color
Hex	828ADB
RGB	130, 138, 219
RGB Percent	51%, 54%, 86%
CMY	0.4902, 0.4588, 0.1412
CMYK	0.41, 0.37, 0.00, 0.14
HSL	235°, 55%, 68%
HSV	235°, 41%, 86%
XYZ	31.0806, 28.0373, 70.7914
YIQ	144.8420, -30.7690, 23.4950

Conversions

Conversions Part 2

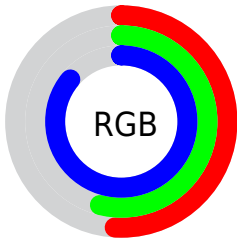
Format	Color
R _Y B	130, 137, 219
Decimal	8555227
CIE Lab	59.92, 17.22, -42.36
CIE LCh	60, 45.728, 292.122
Yxy	28.0373, 0.2392, 0.2158
Android (android.graphics.Color)	4286745307 (0xFF828ADB)
YUV	144.8420, 36.5599, -13.0164
Hunter-Lab	52.9502, 12.1126, -42.2022

Details

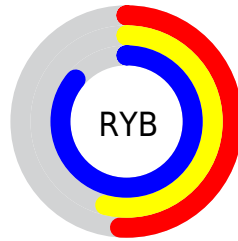
The Hex color **828ADB** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **DBD382**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **BABFFF**, and **4B58A4** is the 20% darker color. If you saturate the color by 10%, you get **6C76DB**, and if you desaturate by 10%, it is **989EDB**.

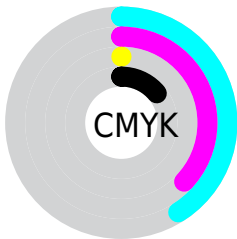
Distribution



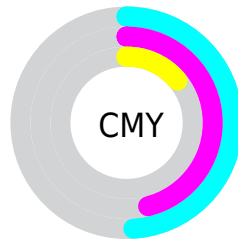
- Red (51%)
- Green (54%)
- Blue (86%)



- Red (51%)
- Yellow (54%)
- Blue (86%)



- Cyan (41%)
- Magenta (37%)
- Yellow (0%)
- Black (14%)



- Cyan (49%)
- Magenta (46%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 828ADB 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 828ADB by changing the saturation by 10% instead.

 828ADB

 828ADB

FFFFFF

 6771BF

 BABFFF

 4B58A4

 D7DBFF

 2F4189

 F4F8FF

 092B6F

 001856

 00003F

 000328

 000111

 000000

 828ADB

 828ADB

 6C76DB

 989EDB

 5662DB

 AEB2DB

 404EDB

 C4C6DB

 2A3ADB

 DADADB

 1526DB

 F0EEDB

 0014DB

 FFFFDB

Harmonies

Analogous

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



1E98E0



828ADB



B87AC2

Triad

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



828ADB



CE7C52



00A484

Complementary

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



828ADB



DBD382

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.



5BA05D



828ADB



B18A3E

Square

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



828ADB



DC7074



8B9742



00A5AD

Rectangle

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



828ADB



CE72AA



8B9742



2AA376

Sweetspot

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



828ADB



E0E3FF



82DBD2



6E6F80



000000



808080

Same Dimension

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



828ADB



828DFF



A682DB



63646E



0010AD



00042E

Inverse Universe

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



DB828A



FF828D



B7DB82



6E6364



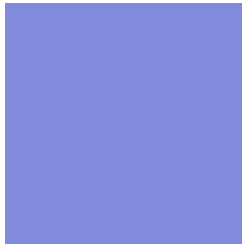
AD0010



2E0004

Previews

White Background



This preview shows how the Hex color 828ADB looks on a white background.

Color Contrast Check

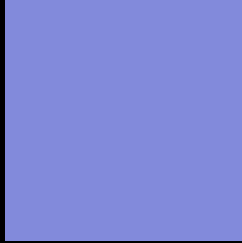
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 828ADB looks on a 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 828ADB Background



This preview shows how black text looks on a background with the Hex color 828ADB.

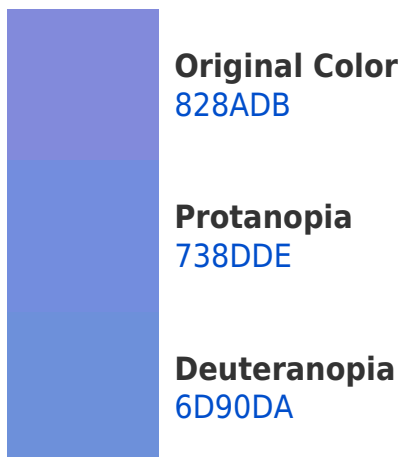


This preview shows how white text looks on a background with the Hex color 828ADB.

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](#).

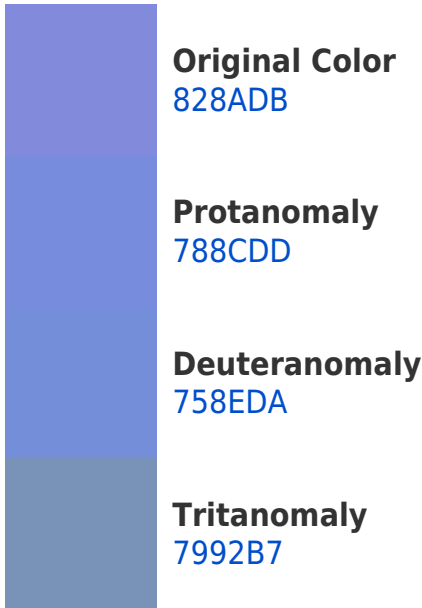
Dichromacy



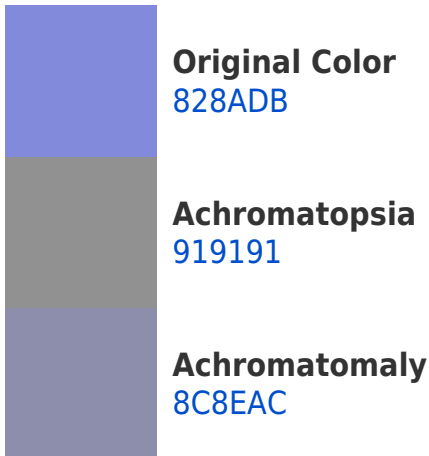


Tritanopia
7496A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 828ADB 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 #828ADB looks like.

```
.text, #text, p{  
    color:#828ADB  
}
```

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 #828ADB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #828ADB
}
```

Border

The CSS property to change the border of an element to Hex 828ADB 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
#828ADB }
```

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

```
.border{ border-color:#828ADB }
```

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

Here you see how a box with a 4 pixel #828ADB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #828ADB; -webkit-box-shadow:4px 4px  
4px 4px #828ADB; box-shadow:4px 4px 4px  
4px #828ADB }
```

Background

The CSS property to change the background color of an element to Hex 828ADB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#828ADB }
```

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

```
.background{ background-color:#828ADB }
```

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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