

Converting Colors

Hex(818DD9)

Have a look what the booklet for
Hex(818DD9) contains.

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Color

Hex(818DD9)

Conversions

Conversions Part 1

Format	Color
Hex	818DD9
RGB	129, 141, 217
RGB Percent	51%, 55%, 85%
CMY	0.4941, 0.4471, 0.1490
CMYK	0.41, 0.35, 0.00, 0.15
HSL	232°, 54%, 68%
HSV	232°, 41%, 85%
XYZ	31.1025, 28.7266, 69.5512
YIQ	146.0760, -31.5480, 21.0920

Conversions

Conversions Part 2

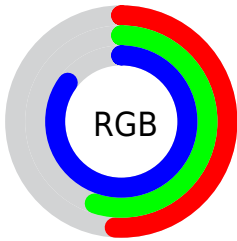
Format	Color
R _Y B	129, 140, 217
Decimal	8490457
CIE Lab	60.54, 14.64, -40.28
CIE LCh	61, 42.858, 289.975
Yxy	28.7266, 0.2404, 0.2220
Android (android.graphics.Color)	4286680537 (0xFF818DD9)
YUV	146.0760, 34.9655, -14.9757
Hunter-Lab	53.5972, 9.7886, -39.4204

Details

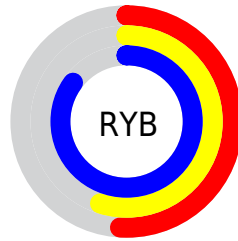
The Hex color **818DD9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D9CD81**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **B9C2FF**, and **4B5BA2** is the 20% darker color. If you saturate the color by 10%, you get **6B7AD9**, and if you desaturate by 10%, it is **97A0D9**.

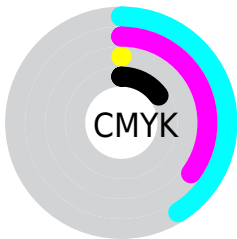
Distribution



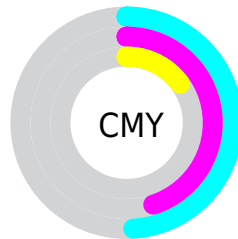
- Red (51%)
- Green (55%)
- Blue (85%)



- Red (51%)
- Yellow (55%)
- Blue (85%)



- Cyan (41%)
- Magenta (35%)
- Yellow (0%)
- Black (15%)



- Cyan (49%)
- Magenta (45%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 818DD9 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 818DD9 by changing the saturation by 10% instead.

818DD9

818DD9

FFFFFF

6674BD

B9C2FF

4B5BA2

D5DEFF

2E4487

F3FBFF

0A2E6D

001A55

00003D

000326

00010F

000000

818DD9

818DD9

6B7AD9

97A0D9

5668D9

ACB2D9

4055D9

C2C5D9

2A42D9

D8D8D9

142FD9

EDEBD9

001ED9

FFFDD9

FFFFD9

Harmonies

Analogous

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



2D9ADC



818DD9



B47EC3

Triad

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



818DD9



CE7E59



20A584

Complementary

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



818DD9



D9CD81

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.



64A060



818DD9



B48B46

Square

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



818DD9



DA747A



909848



00A5AB

Rectangle

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



818DD9



CB77AD



909848



3EA477

Sweetspot

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



818DD9



E0E5FF



81D9CC



6E7080



000000



808080

Same Dimension

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



818DD9



8293FF



A081D9



63646E



0018AD



00062E

Inverse Universe

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



D9818D



FF8293



BAD981



6E6364



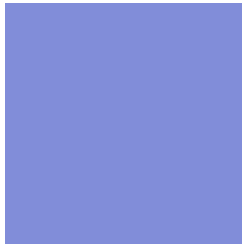
AD0018



2E0006

Previews

White Background



This preview shows how the Hex color 818DD9 looks on a white background.

Color Contrast Check

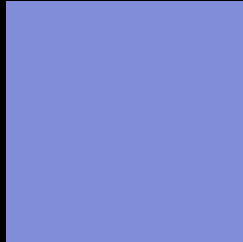
Large Text (above 18pt) WCAG AA ✓ Pass

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 818DD9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

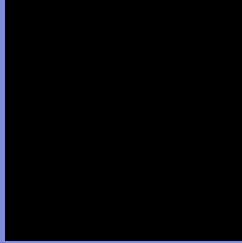
Any Text WCAG AA ✓ Pass

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 818DD9 Background



This preview shows how black text looks on a background with the Hex color 818DD9.



This preview shows how white text looks on a background with the Hex color 818DD9.

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



Original Color
818DD9

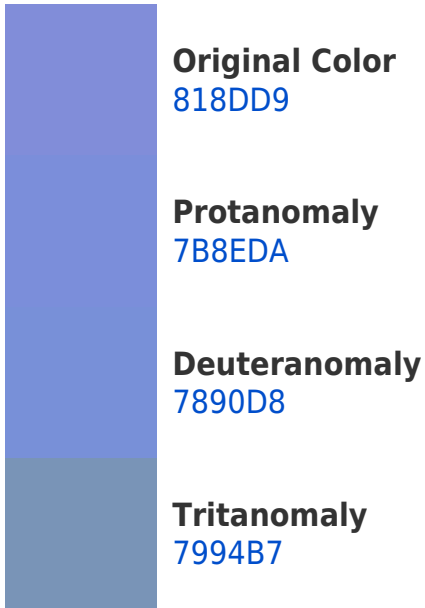
Protanopia
788FDB

Deuteranopia
7391D8

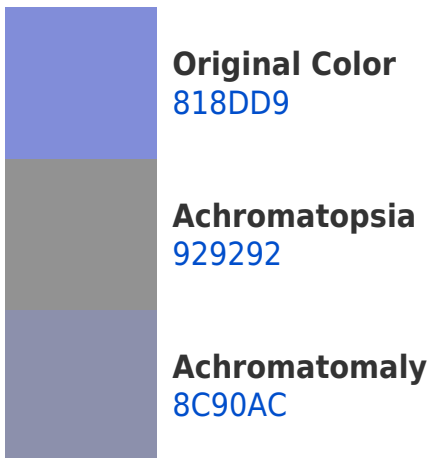


Tritanopia
7498A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 818DD9 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 #818DD9 looks like.

```
.text, #text, p{  
    color:#818DD9  
}
```

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 #818DD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #818DD9
}
```

Border

The CSS property to change the border of an element to Hex 818DD9 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
#818DD9 }
```

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

```
.border{ border-color:#818DD9 }
```

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

Here you see how a box with a 4 pixel #818DD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #818DD9; -webkit-box-shadow:4px 4px  
4px 4px #818DD9; box-shadow:4px 4px 4px  
4px #818DD9 }
```

Background

The CSS property to change the background color of an element to Hex 818DD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#818DD9 }
```

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

```
.background{ background-color:#818DD9 }
```

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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