

Converting Colors

Hex(808CD9)

Have a look what the booklet for
Hex(808CD9) contains.

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Color

Hex(808CD9)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 808CD9 |
| RGB | 128, 140, 217 |
| RGB Percent | 50%, 55%, 85% |
| CMY | 0.4980, 0.4510, 0.1490 |
| CMYK | 0.41, 0.35, 0.00, 0.15 |
| HSL | 232°, 54%, 68% |
| HSV | 232°, 41%, 85% |
| XYZ | 30.8046, 28.3551, 69.4951 |
| YIQ | 145.1900, -31.8690, 21.4030 |

Conversions

Conversions Part 2

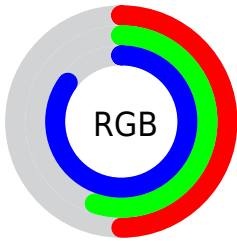
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 128, 139, 217 |
| Decimal | 8424665 |
| CIE Lab | 60.21, 14.97, -40.80 |
| CIE LCh | 60, 43.462, 290.141 |
| Yxy | 28.3551, 0.2394, 0.2204 |
| Android (android.graphics.Color) | 4286614745 (0xFF808CD9) |
| YUV | 145.1900, 35.4023, -15.0756 |
| Hunter-Lab | 53.2495, 10.0746, -40.1038 |

Details

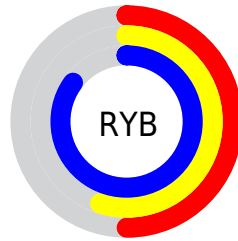
The Hex color **808CD9** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D9CD80**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **B8C1FF**, and **495AA2** is the 20% darker color. If you saturate the color by 10%, you get **6A79D9**, and if you desaturate by 10%, it is **969FD9**.

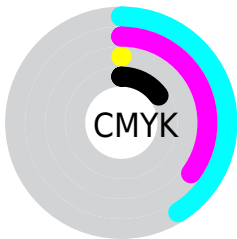
Distribution



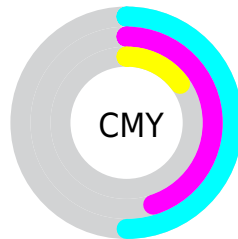
- Red (50%)
- Green (55%)
- Blue (85%)



- Red (50%)
- Yellow (55%)
- Blue (85%)



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



- Cyan (50%)
- Magenta (45%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 808CD9 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 808CD9 by changing the saturation by 10% instead.

808CD9

808CD9

FFFFFF

6573BD

B8C1FF

495AA2

D4DDFF

2D4387

F2FAFF

062D6D

001955

00003D

000326

00010F

000000

808CD9

808CD9

6A79D9

969FD9

5566D9

ABB2D9

3F54D9

C1C4D9

2941D9

D7D7D9

132ED9

EDEAD9

001DD9

FFFDD9

FFFFD9

Harmonies

Analogous

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



2799DC



808CD9



B47DC3

Triad

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



808CD9



CE7D58



18A483

Complementary

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



808CD9



D9CD80

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.



629F5E



808CD9



B38B44

Square

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



808CD9



DA7279



8F9747



00A5AA

Rectangle

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



808CD9



CB75AC



8F9747



3AA376

Sweetspot

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



808CD9



E0E5FF



80D9CC



6E7080



000000



808080

Same Dimension

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



808CD9



8293FF



9F80D9



63646E



0017AD



00062E

Inverse Universe

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



D9808C



FF8293



BAD980



6E6364



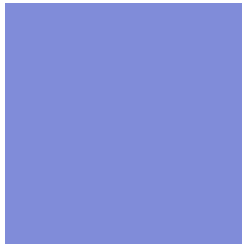
AD0017



2E0006

Previews

White Background



This preview shows how the Hex color 808CD9 looks on a white background.

Color Contrast Check

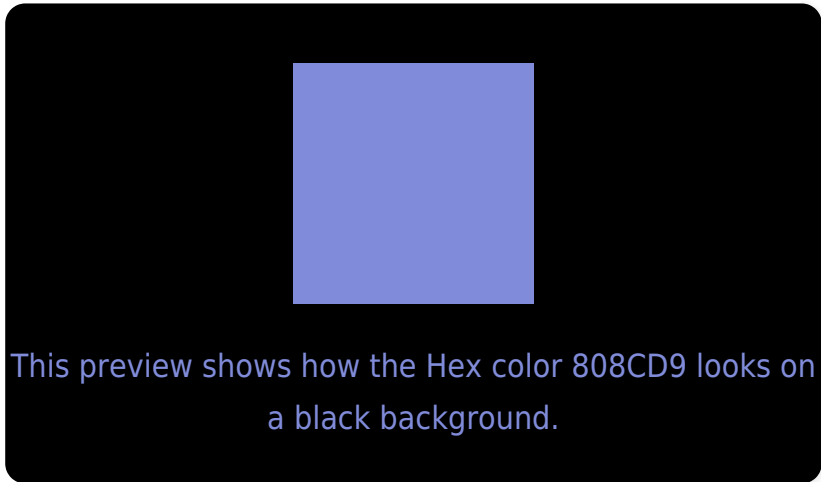
Large Text (above 18pt) WCAG AA ✓ Pass

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

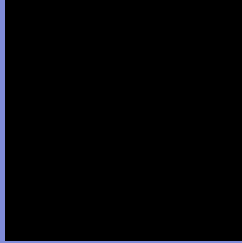
Any Text WCAG AA ✓ Pass

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 808CD9 Background



This preview shows how black text looks on a background with the Hex color 808CD9.



This preview shows how white text looks on a background with the Hex color 808CD9.

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
808CD9

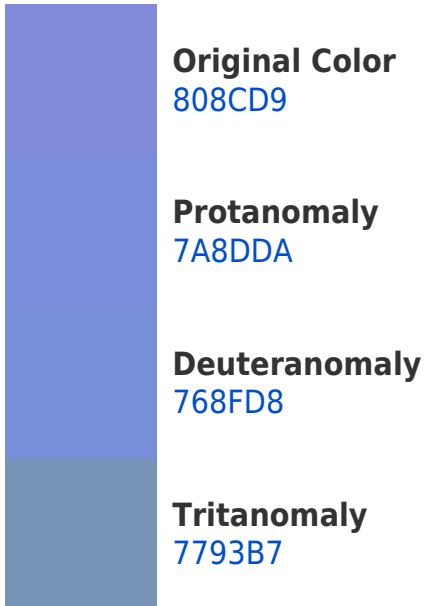
Protanopia
768EDB

Deuteranopia
7190D8

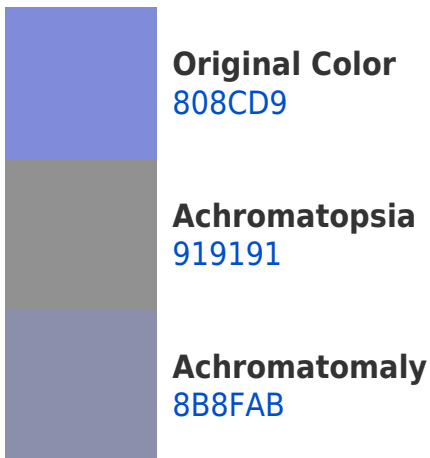


Tritanopia
7297A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 808CD9 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 #808CD9 looks like.

```
.text, #text, p{  
    color:#808CD9  
}
```

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 #808CD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #808CD9
}
```

Border

The CSS property to change the border of an element to Hex 808CD9 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
#808CD9 }
```

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

```
.border{ border-color:#808CD9 }
```

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

Here you see how a box with a 4 pixel #808CD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #808CD9; -webkit-box-shadow:4px 4px  
4px 4px #808CD9; box-shadow:4px 4px 4px  
4px #808CD9 }
```

Background

The CSS property to change the background color of an element to Hex 808CD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#808CD9 }
```

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

```
.background{ background-color:#808CD9 }
```

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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