

Converting Colors

Hex(8181DA)

Have a look what the booklet for
Hex(8181DA) contains.

Hex(8181DA)	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(8181DA)

Conversions

Conversions Part 1

Format	Color
Hex	8181DA
RGB	129, 129, 218
RGB Percent	51%, 51%, 85%
CMY	0.4941, 0.4941, 0.1451
CMYK	0.41, 0.41, 0.00, 0.15
HSL	240°, 55%, 68%
HSV	240°, 41%, 85%
XYZ	29.5584, 25.4296, 69.6802
YIQ	139.1460, -28.5690, 27.6790

Conversions

Conversions Part 2

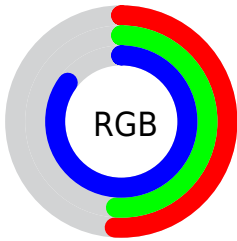
Format	Color
RYB	129, 129, 218
Decimal	8487386
CIELab	57.49, 21.98, -45.64
CIELCh	57, 50.658, 295.714
Yxy	25.4296, 0.2371, 0.2040
Android (android.graphics.Color)	4286677466 (0xFF8181DA)
YUV	139.1460, 38.8750, -8.8980
Hunter-Lab	50.4278, 16.3798, -46.6264

Details

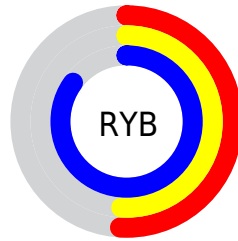
The Hex color **8181DA** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **DADA81**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **B9B6FF**, and **4A50A3** is the 20% darker color. If you saturate the color by 10%, you get **6B6BDA**, and if you desaturate by 10%, it is **9797DA**.

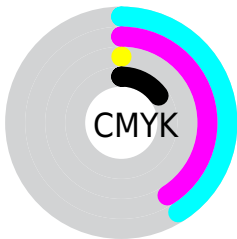
Distribution



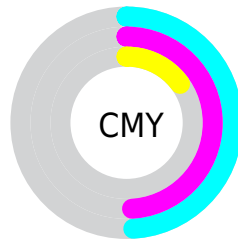
- Red (51%)
- Green (51%)
- Blue (85%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 8181DA 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 8181DA by changing the saturation by 10% instead.

 8181DA

 8181DA

FFFFFF

 6568BE

 B9B6FF

 4A50A3

 D6D1FF

 2D3988

 F3EEFF

 05246E

 001055

 00003D

 000327

 000110

 000000

8181DA

8181DA

6B6BDA

9797DA

5555DA

ADADDA

4040DA

C2C2DA

2A2ADA

D8D8DA

1414DA

EEEEDA

0000DA

FFFFDA

Harmonies

Analogous

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



0091E2



8181DA



BA6FBD

Triad

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



8181DA



C97541



009F82

Complementary

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



8181DA



DADA81

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.



439B56



8181DA



A8862C

Square

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



8181DA



DA6666



7D9335



009FAF

Rectangle

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



8181DA



D065A1



7D9335



009E73

Sweetspot

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



8181DA



E0E0FF



81DADA



6E6E80



000000



808080

Same Dimension

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



8181DA



8282FF



AD81DA



63636E



0000AD



00002E

Inverse Universe

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



DA81DA



FF82FF



ADDA81



6E636E



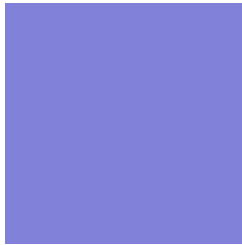
AD00AD



2E002E

Previews

White Background



This preview shows how the Hex color 8181DA looks on a white background.

Color Contrast Check

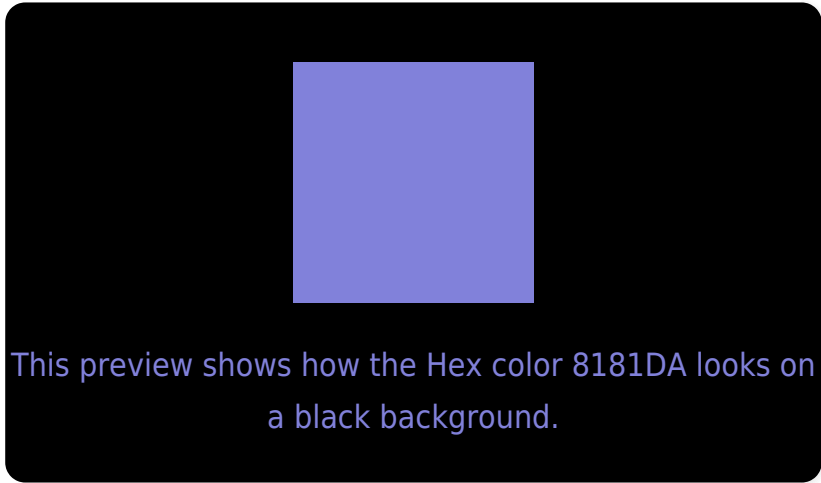
Large Text (above 18pt) WCAG AA ✓ Pass

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

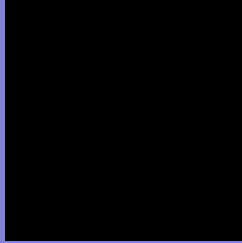
Any Text WCAG AA ✓ Pass

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 8181DA Background



This preview shows how black text looks on a background with the Hex color 8181DA.



This preview shows how white text looks on a background with the Hex color 8181DA.

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](#).

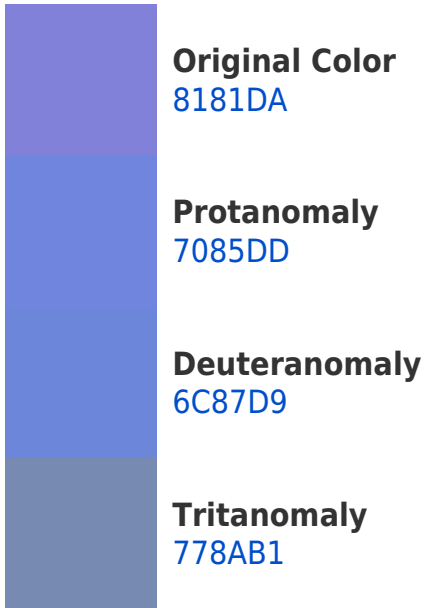
Dichromacy



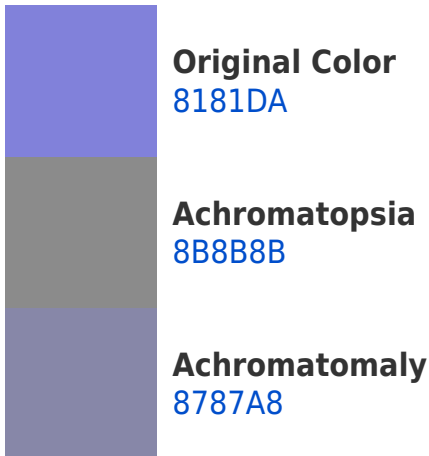


Tritanopia
718F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8181DA 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 #8181DA looks like.

```
.text, #text, p{  
    color:#8181DA  
}
```

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 #8181DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8181DA
}
```

Border

The CSS property to change the border of an element to Hex 8181DA is called "border". The border property can be set on classes, ids or directly on the HTML element.

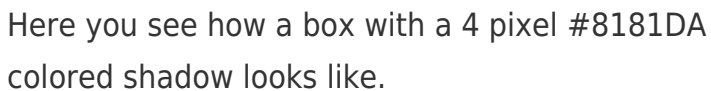
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8181DA }
```

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

```
.border{ border-color:#8181DA }
```

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



Here you see how a box with a 4 pixel #8181DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8181DA; -webkit-box-shadow:4px 4px  
4px 4px #8181DA; box-shadow:4px 4px 4px  
4px #8181DA }
```

Background

The CSS property to change the background color of an element to Hex 8181DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8181DA }
```

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

```
.background{ background-color:#8181DA }
```

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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