

Converting Colors

Hex(81A7D9)

Have a look what the booklet for
Hex(81A7D9) contains.

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Color

Hex(81A7D9)

Conversions

Conversions Part 1

Format	Color
Hex	81A7D9
RGB	129, 167, 217
RGB Percent	51%, 65%, 85%
CMY	0.4941, 0.3451, 0.1490
CMYK	0.41, 0.23, 0.00, 0.15
HSL	214°, 54%, 68%
HSV	214°, 41%, 85%
XYZ	35.3964, 37.3143, 70.9824
YIQ	161.3380, -38.6980, 7.4940

Conversions

Conversions Part 2

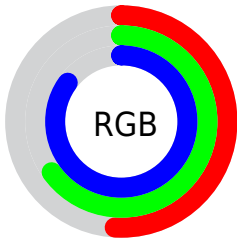
Format	Color
RYB	129, 156, 217
Decimal	8497113
CIELab	67.51, -0.24, -29.43
CIELCh	68, 29.432, 269.540
Yxy	37.3143, 0.2463, 0.2597
Android (android.graphics.Color)	4286687193 (0xFF81A7D9)
YUV	161.3380, 27.4414, -28.3604
Hunter-Lab	61.0854, -3.4665, -26.1363

Details

The Hex color **81A7D9** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D9B381**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **B9DEFF**, and **4B73A2** is the 20% darker color. If you saturate the color by 10%, you get **6B9BD9**, and if you desaturate by 10%, it is **97B3D9**.

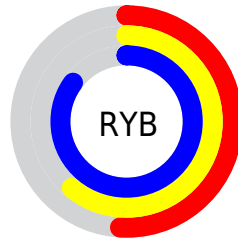
Distribution



Red (51%)

Green (65%)

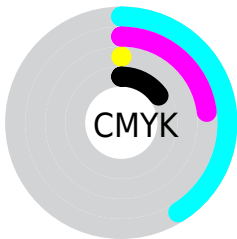
Blue (85%)



Red (51%)

Yellow (61%)

Blue (85%)

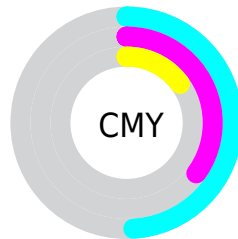


Cyan (41%)

Magenta (23%)

Yellow (0%)

Black (15%)



Cyan (49%)

Magenta (35%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81A7D9 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 81A7D9 by changing the saturation by 10% instead.

 81A7D9

 81A7D9

FFFFFF

 668DBD

 B9DEFF

 4B73A2

 D5FBFF

 2F5B88

 F2FFFF

 0B446E

 002E55

 00193E

 000328

 000112

 000000

81A7D9

81A7D9

6B9BD9

97B3D9

568ED9

ACC0D9

4082D9

C2CCD9

2A76D9

D8D8D9

1469D9

EDE5D9

005ED9

FFF1D9

FFFDD9

FFFFD9

Harmonies

Analogous

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



5DAED1



81A7D9



A89ED2

Triad

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



81A7D9



D9938C



7DB089

Complementary

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



81A7D9



D9B381

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.



9BAB76



81A7D9



CD9A78

Square

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



81A7D9



D791A6



B7A36F



5FB3A3

Rectangle

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



81A7D9



BD98C7



B7A36F



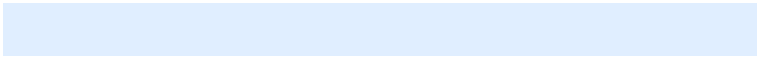
87AF81

Sweetspot

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



81A7D9



E0EEFF



81D9B3



6E7580



000000



808080

Same Dimension

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



81A7D9



82B8FF



8781D9



63676E



004BAD



00142E

Inverse Universe

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



D981A7



FF82B8



D3D981



6E6367



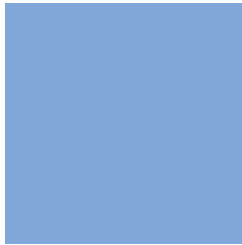
AD004B



2E0014

Previews

White Background



This preview shows how the Hex color 81A7D9 looks on a white background.

Color Contrast Check

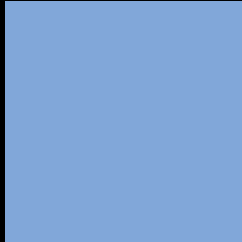
Large Text (above 18pt) WCAG AA × Fail

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 81A7D9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

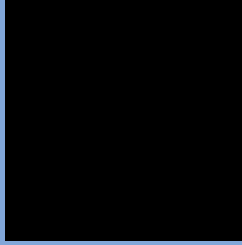
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

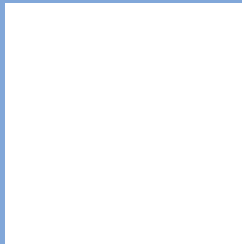
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 81A7D9 Background



This preview shows how black text looks on a background with the Hex color 81A7D9.

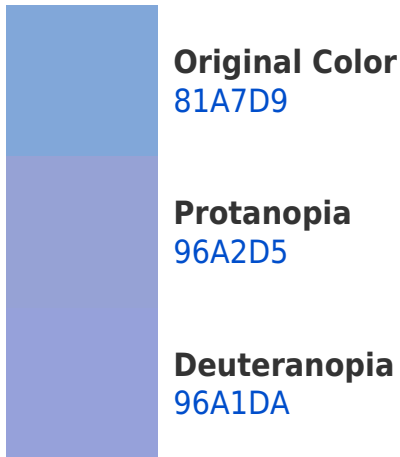


This preview shows how white text looks on a background with the Hex color 81A7D9.

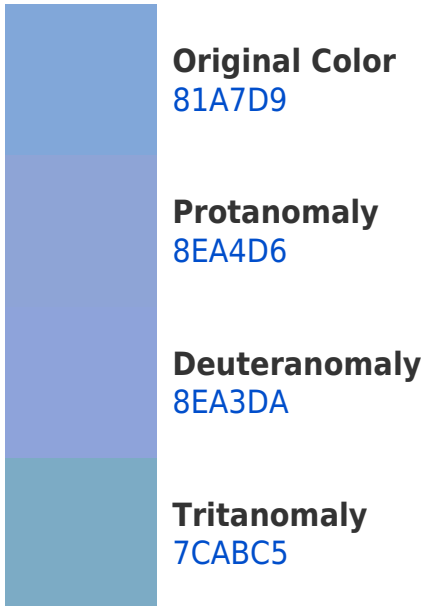
Color Blindness Simulation

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](#).

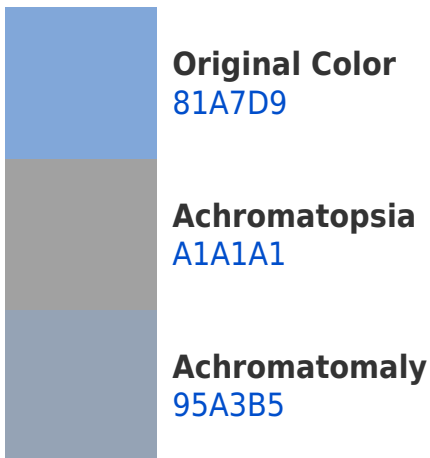
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81A7D9 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 #81A7D9 looks like.

```
.text, #text, p{  
    color:#81A7D9  
}
```

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 #81A7D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81A7D9
}
```

Border

The CSS property to change the border of an element to Hex 81A7D9 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
#81A7D9 }
```

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

```
.border{ border-color:#81A7D9 }
```

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

Here you see how a box with a 4 pixel #81A7D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81A7D9; -webkit-box-shadow:4px 4px  
4px 4px #81A7D9; box-shadow:4px 4px 4px  
4px #81A7D9 }
```

Background

The CSS property to change the background color of an element to Hex 81A7D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81A7D9 }
```

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

```
.background{ background-color:#81A7D9 }
```

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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