

Converting Colors

Hex(81A9D1)

Have a look what the booklet for
Hex(81A9D1) contains.

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Color

Hex(81A9D1)

Conversions

Conversions Part 1

Format	Color
Hex	81A9D1
RGB	129, 169, 209
RGB Percent	51%, 66%, 82%
CMY	0.4941, 0.3373, 0.1804
CMYK	0.38, 0.19, 0.00, 0.18
HSL	210°, 47%, 66%
HSV	210°, 38%, 82%
XYZ	34.7499, 37.6465, 65.7566
YIQ	161.6000, -36.6800, 3.9600

Conversions

Conversions Part 2

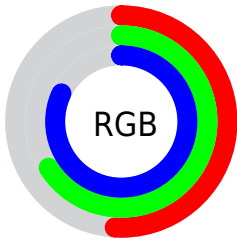
Format	Color
RYB	129, 156, 209
Decimal	8497617
CIELab	67.76, -3.50, -24.64
CIElCh	68, 24.889, 261.904
Yxy	37.6465, 0.2515, 0.2725
Android (android.graphics.Color)	4286687697 (0xFF81A9D1)
YUV	161.6000, 23.3682, -28.5902
Hunter-Lab	61.3568, -6.2795, -20.5919

Details

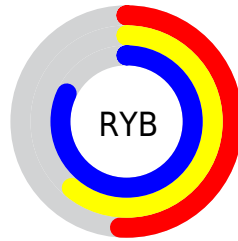
The Hex color **81A9D1** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D1A981**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **B8E0FF**, and **4C759A** is the 20% darker color. If you saturate the color by 10%, you get **6C9FD1**, and if you desaturate by 10%, it is **96B3D1**.

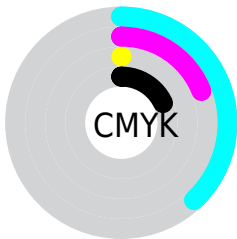
Distribution



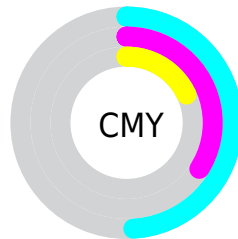
- Red (51%)
- Green (66%)
- Blue (82%)



- Red (51%)
- Yellow (61%)
- Blue (82%)



- Cyan (38%)
- Magenta (19%)
- Yellow (0%)
- Black (18%)



- Cyan (49%)
- Magenta (34%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81A9D1 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 81A9D1 by changing the saturation by 10% instead.

 81A9D1

 81A9D1


FFFFFF

 668FB5

 B8E0FF

 4C759A

 D5FDFF

 315D80

 F2FFFF

 114567

 002F4F

 001A38

 000222

 000009

 000000

■ 81A9D1

■ 81A9D1

■ 6C9FD1

■ 96B3D1

■ 5794D1

■ ABBED1

■ 428AD1

■ C0C8D1

■ 2D7FD1

■ D5D3D1

■ 1875D1

■ EADDD1

■ 046AD1

■ FEE8D1

■ 0069D1

■ FFF2D1

■ FFFDD1

■ FFFF1

Harmonies

Analogous

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



68AFC8



81A9D1



A0A1CF

Triad

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



81A9D1



D39595



8BAE89

Complementary

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



81A9D1



D1A981

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.



A4A97B



81A9D1



CC9A83

Square

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



81A9D1



CE95AC



BBA279



72B19E

Rectangle

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



81A9D1



B49CC7



BBA279



93AD83

Sweetspot

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



81A9D1



E3F1FF



81D1A9



6F7780



000000



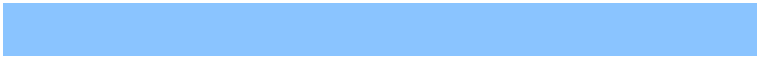
808080

Same Dimension

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



81A9D1



8AC4FF



8181D1



5E6369



0054A8



001429

Inverse Universe

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



D181A9



FF8AC4



D1D181



695E63



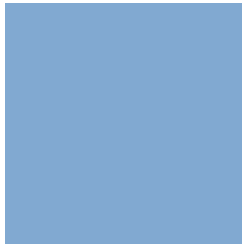
A80054



290014

Previews

White Background



This preview shows how the Hex color 81A9D1 looks on a white background.

Color Contrast Check

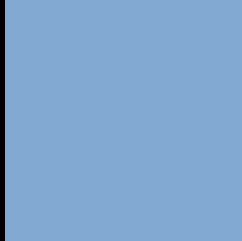
Large Text (above 18pt) WCAG AA × Fail

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 81A9D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

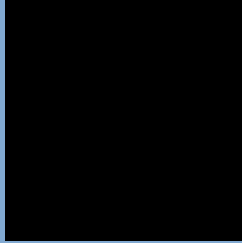
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

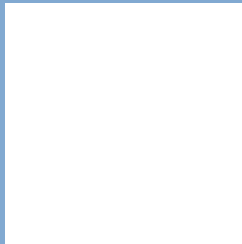
Any Text WCAG AAA ✓ Pass

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

Hex 81A9D1 Background



This preview shows how black text looks on a background with the Hex color 81A9D1.

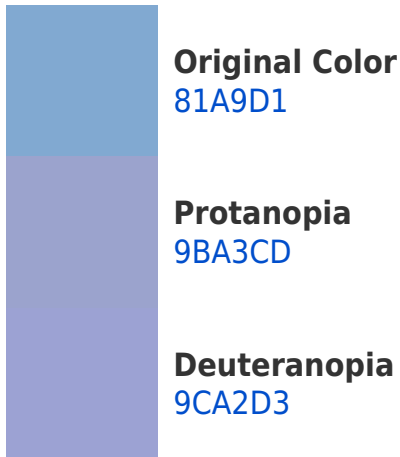



This preview shows how white text looks on a background with the Hex color 81A9D1.

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](#).

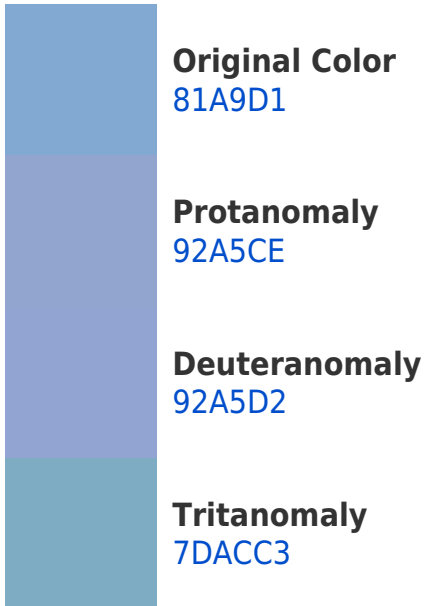
Dichromacy



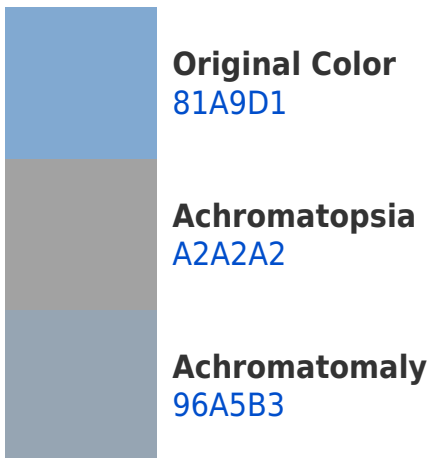


Tritanopia
7BADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81A9D1 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 #81A9D1 looks like.

```
.text, #text, p{  
    color:#81A9D1  
}
```

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 #81A9D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81A9D1
}
```

Border

The CSS property to change the border of an element to Hex 81A9D1 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
#81A9D1 }
```

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

```
.border{ border-color:#81A9D1 }
```

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

Here you see how a box with a 4 pixel #81A9D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81A9D1; -webkit-box-shadow:4px 4px  
4px 4px #81A9D1; box-shadow:4px 4px 4px  
4px #81A9D1 }
```

Background

The CSS property to change the background color of an element to Hex 81A9D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81A9D1 }
```

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

```
.background{ background-color:#81A9D1 }
```

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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