

Converting Colors

Hex(81ACD2)

Have a look what the booklet for
Hex(81ACD2) contains.

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Color

Hex(81ACD2)

Conversions

Conversions Part 1

Format	Color
Hex	81ACD2
RGB	129, 172, 210
RGB Percent	51%, 67%, 82%
CMY	0.4941, 0.3255, 0.1765
CMYK	0.39, 0.18, 0.00, 0.18
HSL	208°, 47%, 66%
HSV	208°, 39%, 82%
XYZ	35.4386, 38.8253, 66.5990
YIQ	163.4750, -37.8260, 2.7020

Conversions

Conversions Part 2

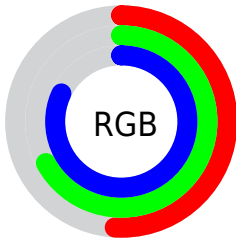
Format	Color
R _{YB}	129, 157, 210
Decimal	8498386
CIE Lab	68.62, -4.89, -23.87
CIE LCh	69, 24.363, 258.427
Yxy	38.8253, 0.2516, 0.2756
Android (android.graphics.Color)	4286688466 (0xFF81ACD2)
YUV	163.4750, 22.9368, -30.2346
Hunter-Lab	62.3100, -7.5210, -19.7542

Details

The Hex color **81ACD2** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D2A781**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B8E3FF**, and **4B789B** is the 20% darker color. If you saturate the color by 10%, you get **6CA2D2**, and if you desaturate by 10%, it is **96B6D2**.

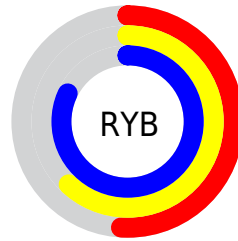
Distribution



Red (51%)

Green (67%)

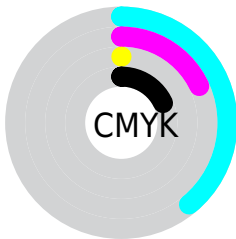
Blue (82%)



Red (51%)

Yellow (62%)

Blue (82%)

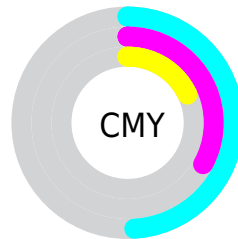


Cyan (39%)

Magenta (18%)

Yellow (0%)

Black (18%)



Cyan (49%)

Magenta (33%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81ACD2 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 81ACD2 by changing the saturation by 10% instead.

81ACD2

81ACD2

FFFFFF

6691B6

B8E3FF

4B789B

D5FFFF

305F81

F2FFFF

104868

003150

001D39

000223

00000A

000000

81ACD2

81ACD2

6CA2D2

96B6D2

5798D2

ABC0D2

428ED2

C0CAD2

2D85D2

D5D3D2

187BD2

EADDD2

0371D2

FFE7D2

006FD2

FFF1D2

FFFBD2

FFFFD2

Harmonies

Analogous

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



6BB1C8



81ACD2



9FA5D1

Triad

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



81ACD2



D5989A



90B08A

Complementary

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



81ACD2



D2A781

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.



A9AA7D



81ACD2



CF9C87

Square

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



81ACD2



CE98B1



C0A37D



78B39E

Rectangle

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



81ACD2



B3A0CA



C0A37D



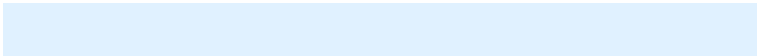
99AE84

Sweetspot

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



81ACD2



E0F1FF



81D2A7



6E7780



000000



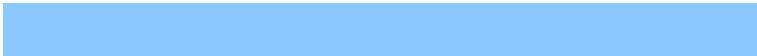
808080

Same Dimension

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



81ACD2



8AC8FF



8184D2



5E6469



0059A8



001629

Inverse Universe

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



D281AC



FF8AC8



D2CF81



695E64



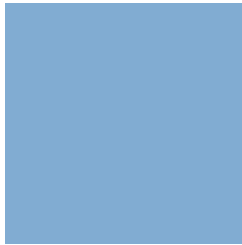
A80059



290016

Previews

White Background



This preview shows how the Hex color 81ACD2 looks on a white background.

Color Contrast Check

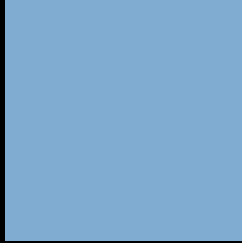
Large Text (above 18pt) WCAG AA × Fail

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 81ACD2 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

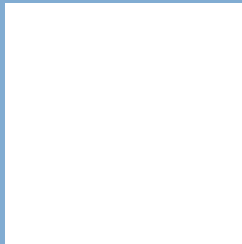
Any Text WCAG AAA ✓ Pass

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

Hex 81ACD2 Background



This preview shows how black text looks on a background with the Hex color 81ACD2.

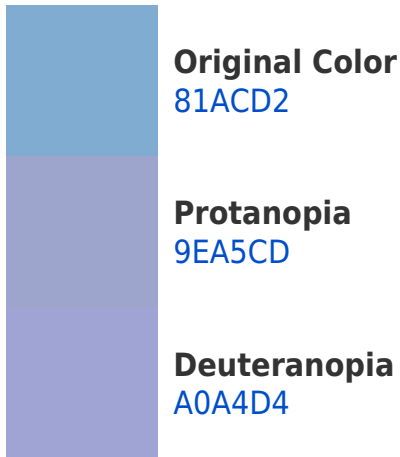


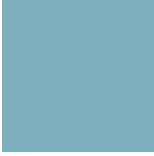
This preview shows how white text looks on a background with the Hex color 81ACD2.

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](#).

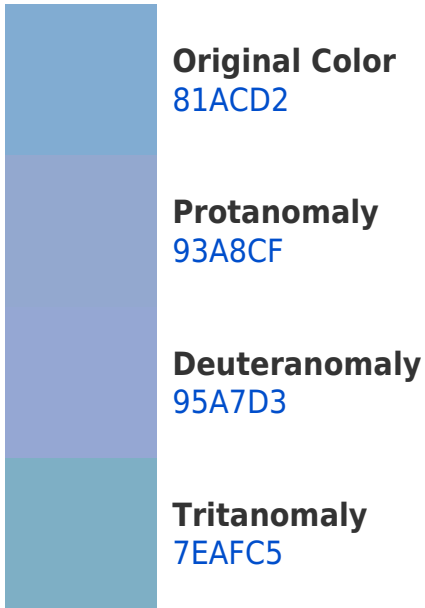
Dichromacy



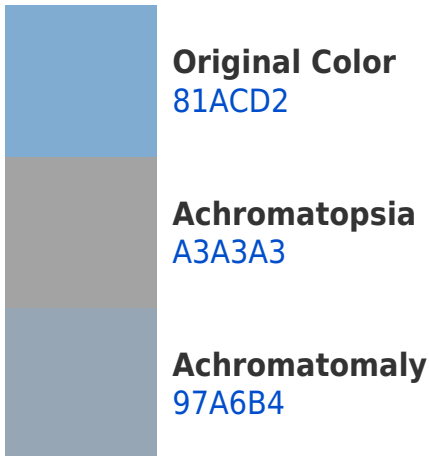


Tritanopia
7CB0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81ACD2 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 #81ACD2 looks like.

```
.text, #text, p{  
    color:#81ACD2  
}
```

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 #81ACD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81ACD2
}
```

Border

The CSS property to change the border of an element to Hex 81ACD2 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
#81ACD2 }
```

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

```
.border{ border-color:#81ACD2 }
```

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

Here you see how a box with a 4 pixel #81ACD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81ACD2; -webkit-box-shadow:4px 4px  
4px 4px #81ACD2; box-shadow:4px 4px 4px  
4px #81ACD2 }
```

Background

The CSS property to change the background color of an element to Hex 81ACD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81ACD2 }
```

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

```
.background{ background-color:#81ACD2 }
```

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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