

Converting Colors

Hex(81ADC5)

Have a look what the booklet for
Hex(81ADC5) contains.

Hex(81ADC5)	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(81ADC5)

Conversions

Conversions Part 1

Format	Color
Hex	81ADC5
RGB	129, 173, 197
RGB Percent	51%, 68%, 77%
CMY	0.4941, 0.3216, 0.2275
CMYK	0.35, 0.12, 0.00, 0.23
HSL	201°, 37%, 64%
HSV	201°, 35%, 77%
XYZ	34.0749, 38.5855, 58.4751
YIQ	162.5800, -33.9280, -1.8640

Conversions

Conversions Part 2

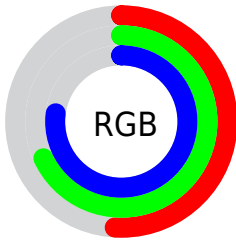
Format	Color
R _Y B	129, 156, 197
Decimal	8498629
CIE Lab	68.45, -8.81, -16.96
CIE LCh	68, 19.116, 242.551
Yxy	38.5855, 0.2598, 0.2942
Android (android.graphics.Color)	4286688709 (0xFF81ADC5)
YUV	162.5800, 16.9691, -29.4497
Hunter-Lab	62.1172, -10.7876, -12.3316

Details

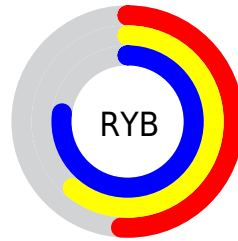
The Hex color **81ADC5** is a light color, and the websafe version is hex **669999**. A complement of this color would be **C59981**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **B8E4FE**, and **4D798F** is the 20% darker color. If you saturate the color by 10%, you get **6DA6C5**, and if you desaturate by 10%, it is **95B4C5**.

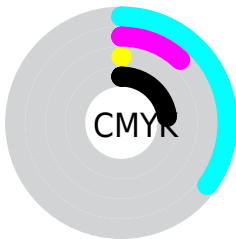
Distribution



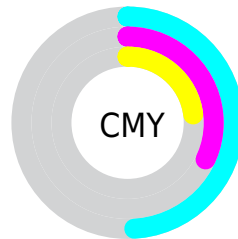
- Red (51%)
- Green (68%)
- Blue (77%)



- Red (51%)
- Yellow (61%)
- Blue (77%)



- Cyan (35%)
- Magenta (12%)
- Yellow (0%)
- Black (23%)



- Cyan (49%)
- Magenta (32%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81ADC5 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 81ADC5 by changing the saturation by 10% instead.

 81ADC5

 81ADC5

FFFFFF

 6792AA

 B8E4FE

 4D798F

 D4FFFF

 336076


 F1FFFF

 17485D

 003245

 001D2F

 00011A

 000000

 81ADC5

 81ADC5

6DA6C5

95B4C5

5A9FC5

A8BBC5

4698C5

BCC2C5

3291C5

D0C9C5

1E8AC5

E4D0C5

0B83C5

F7D7C5

007FC5

FFDEC5

FFE5C5

FFECC5

Harmonies

Analogous

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



78B0B9



81ADC5



95A8C9

Triad

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



81ADC5



C99BA6



A0AC8A

Complementary

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



81ADC5



C59981

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.



B3A685



81ADC5



CA9C95

Square

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



81ADC5



BF9DB7



C2A189



8CAF96

Rectangle

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



81ADC5



A4A4C7



C2A189



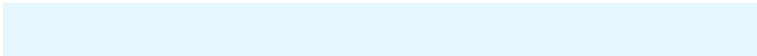
A6AA87

Sweetspot

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



81ADC5



E6F6FF



81C599



707A80



000000



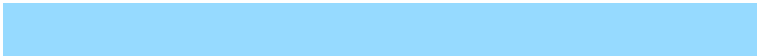
808080

Same Dimension

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



81ADC5



96DAFF



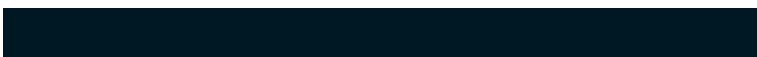
818BC5



5A6063



006AA3



001724

Inverse Universe

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



C581AD



FF96DA



C5BB81



635A60



A3006A



240017

Previews

White Background



This preview shows how the Hex color 81ADC5 looks on a white background.

Color Contrast Check

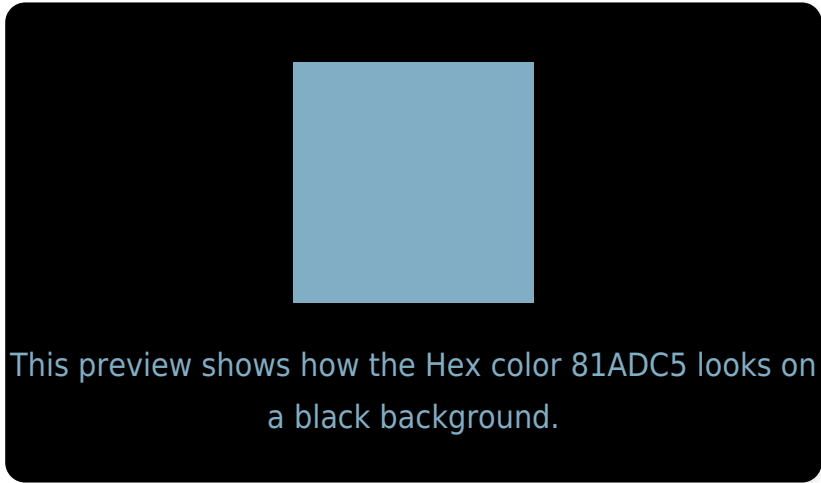
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

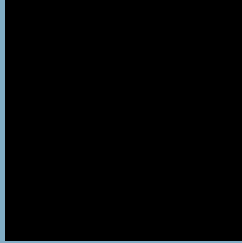
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

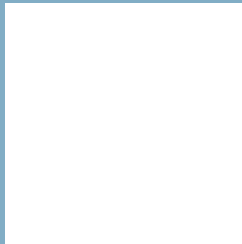
Any Text WCAG AAA ✓ Pass

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

Hex 81ADC5 Background



This preview shows how black text looks on a background with the Hex color 81ADC5.

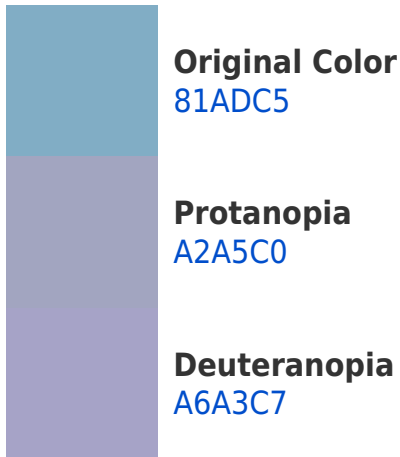


This preview shows how white text looks on a background with the Hex color 81ADC5.

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](#).

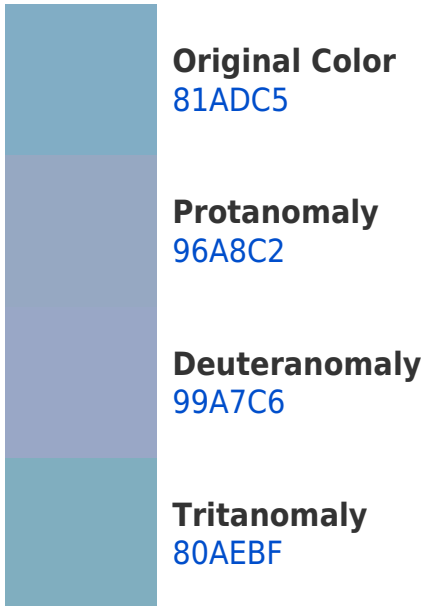
Dichromacy



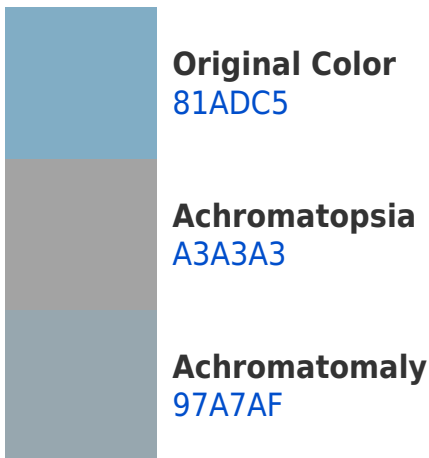


Tritanopia
7FAEBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81ADC5 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 #81ADC5 looks like.

```
.text, #text, p{  
    color:#81ADC5  
}
```

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 #81ADC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81ADC5
}
```

Border

The CSS property to change the border of an element to Hex 81ADC5 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
#81ADC5 }
```

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

```
.border{ border-color:#81ADC5 }
```

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

Here you see how a box with a 4 pixel #81ADC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81ADC5; -webkit-box-shadow:4px 4px  
4px 4px #81ADC5; box-shadow:4px 4px 4px  
4px #81ADC5 }
```

Background

The CSS property to change the background color of an element to Hex 81ADC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81ADC5 }
```

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

```
.background{ background-color:#81ADC5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor