

# Converting Colors

Hex(81BADF)

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

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# **Color**

**Hex(81BADF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81BADF
RGB	129, 186, 223
RGB Percent	51%, 73%, 87%
CMY	0.4941, 0.2706, 0.1255
CMYK	0.42, 0.17, 0.00, 0.13
HSL	204°, 59%, 69%
HSV	204°, 42%, 87%
XYZ	39.9314, 45.1127, 76.4150
YIQ	173.1750, -45.8490, -0.5770

# Conversions

## Conversions Part 2

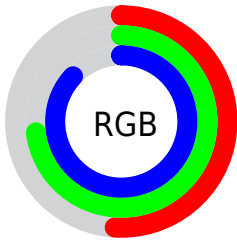
Format	Color
<a href="#">RYB</a>	129, 164, 223
Decimal	8501983
CIELab	72.97, -8.99, -24.34
CIELCh	73, 25.952, 249.723
Yxy	45.1127, 0.2473, 0.2794
Android (android.graphics.Color)	4286692063 (0xFF81BADF)
YUV	173.1750, 24.5637, -38.7415
Hunter-Lab	67.1660, -11.4187, -20.4384

# Details

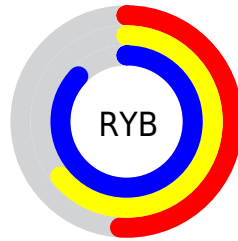
The Hex color **81BADF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **DFA681**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **B9F2FF**, and **4A85A8** is the 20% darker color. If you saturate the color by 10%, you get **6BB1DF**, and if you desaturate by 10%, it is **97C3DF**.

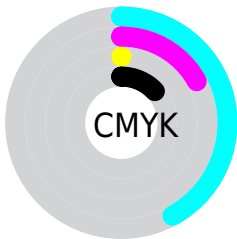
# Distribution



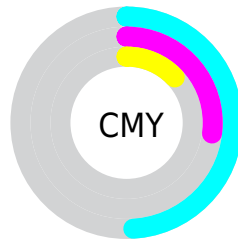
- Red (51%)
- Green (73%)
- Blue (87%)



- Red (51%)
- Yellow (64%)
- Blue (87%)



- Cyan (42%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)



- Cyan (49%)
- Magenta (27%)
- Yellow (13%)

# Brightness & Saturation Gradients

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



 81BADF

 81BADF

FFFFFF

 659FC3


 B9F2FF

 4A85A8

 D6FFFF

 2C6C8D

 F3FFFF

 015474

 003C5B

 002743

 00132D

 000118

 000000

81BADF

81BADF

6BB1DF

97C3DF

54A8DF

AECCDF

3EA0DF

C4D4DF

2897DF

DADDDF

128EDF

F0E6DF

0087DF

FFEFDf

FFF7DF

FFFFDF

# Harmonies

## Analogous

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



6EBFD1



81BADF



A1B3E2

# Triad

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



81BADF



E3A2AC



A2BB8E

# Complementary

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



81BADF



DFA681

# 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.



BDB484



81BADF



E1A596

# Square

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



81BADF



D8A4C4



D3AC87



87BFA2

# Rectangle

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



81BADF



B7ADDC



D3AC87



ABB989

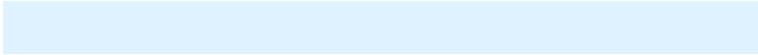


# Sweetspot

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



81BADF



DEF2FF



81DFA5



6B7780



000000



808080

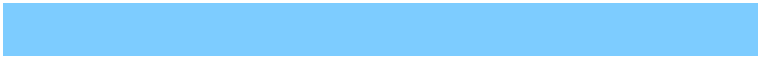


# Same Dimension

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



81BADF



7DCCFF



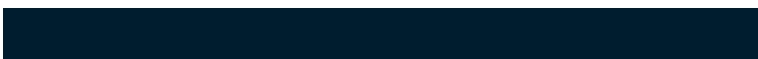
818CDF



656C70



006BB0



001D30



# Inverse Universe

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



DF81BA



FF7DCC



DFD481



70656C



B0006B

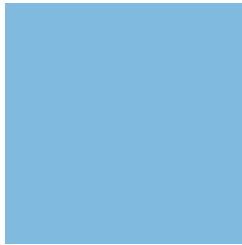


30001D



# Previews

## White Background



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

## Color Contrast Check

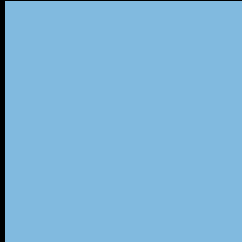
Large Text (above 18pt) WCAG AA × Fail

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 81BADF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

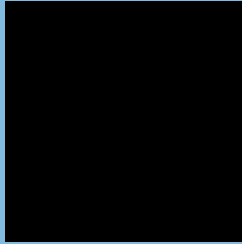
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 81BADF Background



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

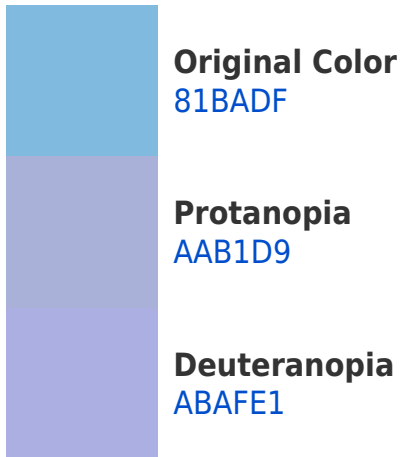


This preview shows how white text looks on a background with the Hex color 81BADF.

# Color Blindness Simulation

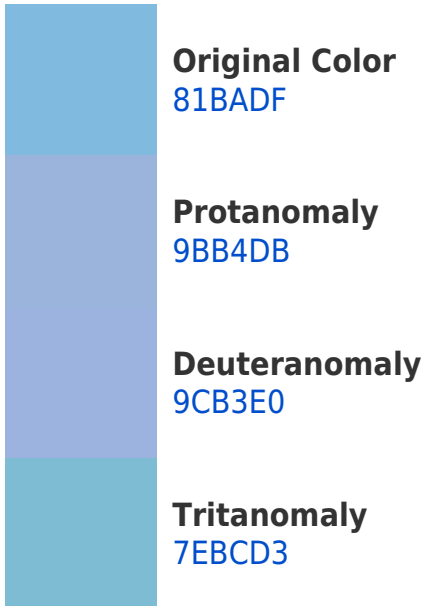
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

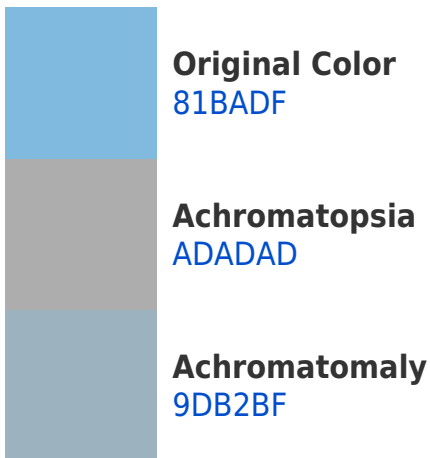




# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #81BADF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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