

Converting Colors

Hex(81B1D7)

Have a look what the booklet for
Hex(81B1D7) contains.

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Color

Hex(81B1D7)

Conversions

Conversions Part 1

Format	Color
Hex	81B1D7
RGB	129, 177, 215
RGB Percent	51%, 69%, 84%
CMY	0.4941, 0.3059, 0.1569
CMYK	0.40, 0.18, 0.00, 0.16
HSL	207°, 52%, 67%
HSV	207°, 40%, 84%
XYZ	37.0411, 41.0177, 70.2549
YIQ	166.9800, -40.8060, 1.6420

Conversions

Conversions Part 2

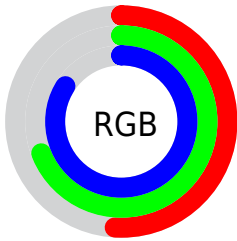
Format	Color
RYB	129, 160, 215
Decimal	8499671
CIELab	70.19, -6.28, -24.22
CIELCh	70, 25.024, 255.458
Yxy	41.0177, 0.2497, 0.2766
Android (android.graphics.Color)	4286689751 (0xFF81B1D7)
YUV	166.9800, 23.6739, -33.3085
Hunter-Lab	64.0451, -8.8415, -20.2072

Details

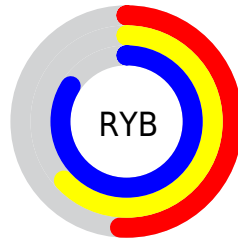
The Hex color **81B1D7** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D7A781**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **B9E9FF**, and **4B7DA0** is the 20% darker color. If you saturate the color by 10%, you get **6CA8D7**, and if you desaturate by 10%, it is **97BBD7**.

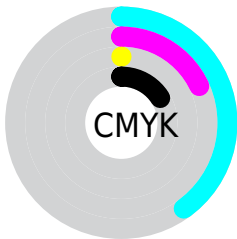
Distribution



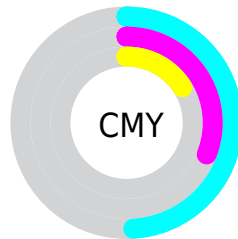
- Red (51%)
- Green (69%)
- Blue (84%)



- Red (51%)
- Yellow (63%)
- Blue (84%)



- Cyan (40%)
- Magenta (18%)
- Yellow (0%)
- Black (16%)



- Cyan (49%)
- Magenta (31%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81B1D7 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 81B1D7 by changing the saturation by 10% instead.

 81B1D7

 81B1D7

FFFFFF

 6696BB

 B9E9FF

 4B7DA0

 D5FFFF

 2F6486

 F2FFFF

 0C4C6C

 003554

 00203D

 000427

 000111

 000000

81B1D7

81B1D7

6CA8D7

97BBD7

569ED7

ACC4D7

4195D7

C2CED7

2B8BD7

D7D7D7

1582D7

EDE1D7

0078D7

FFEAD7

FFF3D7

FFFDD7

FFFFD7

Harmonies

Analogous

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



6CB6CB



81B1D7



A0AAD7

Triad

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



81B1D7



DA9BA0



96B48B

Complementary

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



81B1D7



D7A781

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.



B0AE80



81B1D7



D59F8C

Square

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



81B1D7



D29CB8



C6A680



7DB89F

Rectangle

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



81B1D7



B5A4D1



C6A680



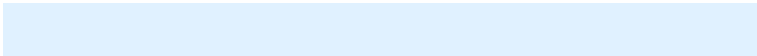
9FB286

Sweetspot

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



81B1D7



E0F1FF



81D7A6



6E7880



000000



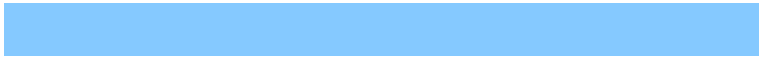
808080

Same Dimension

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



81B1D7



85C9FF



8187D7



60666B



005FAB



00182B

Inverse Universe

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



D781B1



FF85C9



D7D181



6B6066



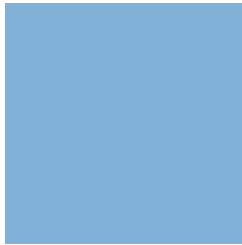
AB005F



2B0018

Previews

White Background



This preview shows how the Hex color 81B1D7 looks on a white background.

Color Contrast Check

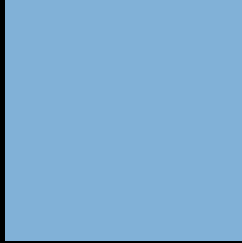
Large Text (above 18pt) WCAG AA × Fail

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 81B1D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

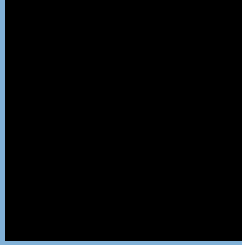
Any Text WCAG AA ✓ Pass

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 81B1D7 Background



This preview shows how black text looks on a background with the Hex color 81B1D7.

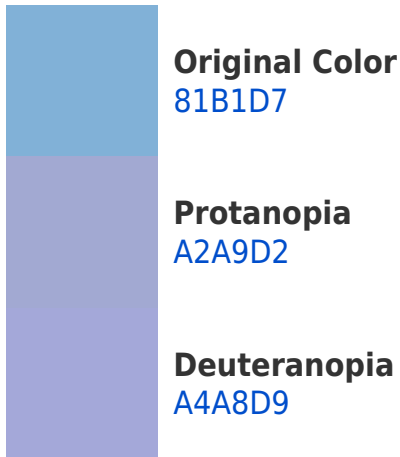


This preview shows how white text looks on a background with the Hex color 81B1D7.

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](#).

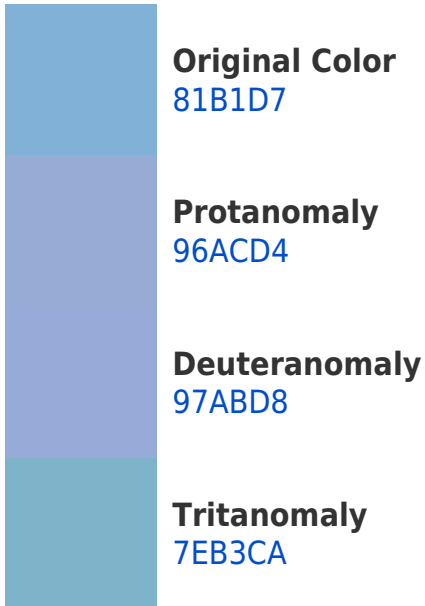
Dichromacy



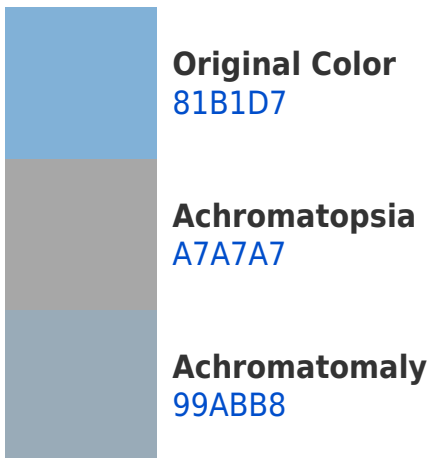


Tritanopia
7CB4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81B1D7 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 #81B1D7 looks like.

```
.text, #text, p{  
    color:#81B1D7  
}
```

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 #81B1D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81B1D7
}
```

Border

The CSS property to change the border of an element to Hex 81B1D7 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
#81B1D7 }
```

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

```
.border{ border-color:#81B1D7 }
```

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

Here you see how a box with a 4 pixel #81B1D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81B1D7; -webkit-box-shadow:4px 4px  
4px 4px #81B1D7; box-shadow:4px 4px 4px  
4px #81B1D7 }
```

Background

The CSS property to change the background color of an element to Hex 81B1D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81B1D7 }
```

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

```
.background{ background-color:#81B1D7 }
```

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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