

# Converting Colors

Hex(81D4E0)

Have a look what the booklet for  
Hex(81D4E0) contains.

<b>Hex(81D4E0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(81D4E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81D4E0
RGB	129, 212, 224
RGB Percent	51%, 83%, 88%
CMY	0.4941, 0.1686, 0.1216
CMYK	0.42, 0.05, 0.00, 0.12
HSL	188°, 61%, 69%
HSV	188°, 42%, 88%
XYZ	46.0513, 57.1359, 79.1222
YIQ	188.5510, -53.3200, -13.8640

# Conversions

## Conversions Part 2

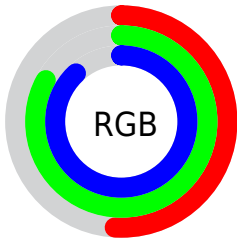
Format	Color
<a href="#">RYB</a>	129, 173, 224
Decimal	8508640
CIELab	80.26, -22.19, -13.85
CIELCh	80, 26.155, 211.973
Yxy	57.1359, 0.2526, 0.3134
Android (android.graphics.Color)	4286698720 (0xFF81D4E0)
YUV	188.5510, 17.4764, -52.2262
Hunter-Lab	75.5883, -23.5305, -9.1501

# Details

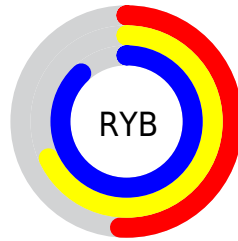
The Hex color **81D4E0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E08D81**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **BAFFFF**, and **489DA9** is the 20% darker color. If you saturate the color by 10%, you get **6BD1E0**, and if you desaturate by 10%, it is **97D7E0**.

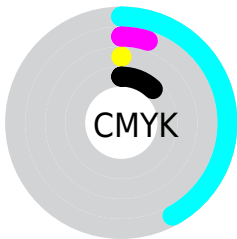
# Distribution



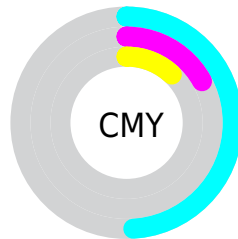
- Red (51%)
- Green (83%)
- Blue (88%)



- Red (51%)
- Yellow (68%)
- Blue (88%)



- Cyan (42%)
- Magenta (5%)
- Yellow (0%)
- Black (12%)



- Cyan (49%)
- Magenta (17%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81D4E0 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 81D4E0 by changing the saturation by 10% instead.



 81D4E0

 81D4E0

FFFFFF

 65B8C4

 BAFFFF

 489DA9

 D7FFFF

 28838E

 F5FFFF

 006A75


 00515C


 003A45

 00242E

 00031A

 000000

 81D4E0

 81D4E0

 6BD1E0

 97D7E0

 54CEE0


 AEDAE0

 3ECCE0

 C4DCE0

 27C9E0

 DBDFE0

 11C6E0

 F1E2E0

 00C4E0

 FFE5E0

 FFE8E0

 FFEBE0

 FFEDE0

# Harmonies

## Analogous

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



8AD5C8



81D4E0



8ED0F1

# Triad

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



81D4E0



E8B9DE



D8C696

# Complementary

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



81D4E0



E08D81

# 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.



EDBE9D



81D4E0



F7B6C6

# Square

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



81D4E0



CDC0F0



F8B8AE



BDCD9D

# Rectangle

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



81D4E0



A1CBF7



F8B8AE



E0C397

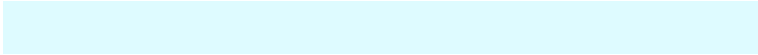


# Sweetspot

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



81D4E0



DEFBFF



81E08C



6B7D80



000000



808080

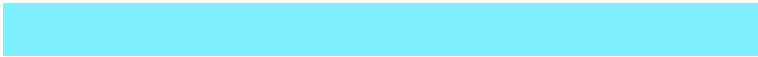


# Same Dimension

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



81D4E0



7DEFFF



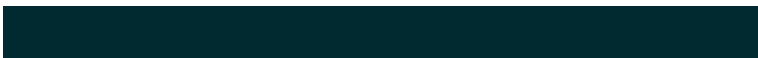
81A5E0



656F70



009AB0



002A30



# Inverse Universe

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



E081D4



FF7DEF



E0BC81



70656F



B0009A

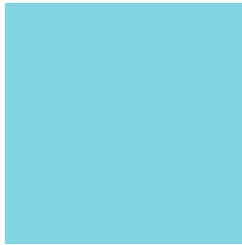


30002A



# Previews

## White Background



This preview shows how the Hex color 81D4E0 looks on a white background.

## Color Contrast Check

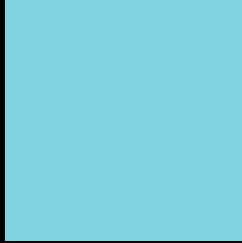
Large Text (above 18pt) WCAG AA × Fail

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 81D4E0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

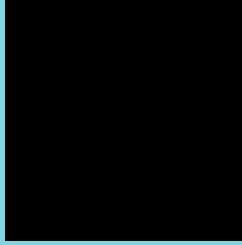
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 81D4E0 Background



This preview shows how black text looks on a background with the Hex color 81D4E0.

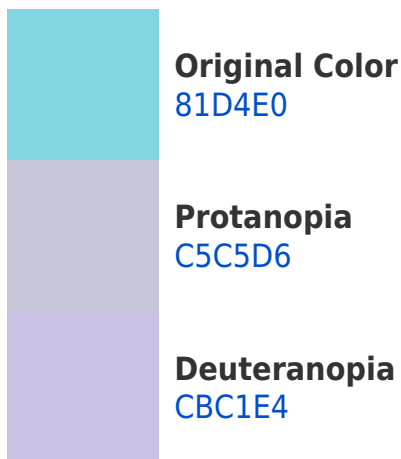


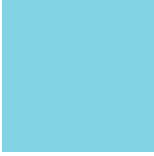
This preview shows how white text looks on a background with the Hex color 81D4E0.

# 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](#).

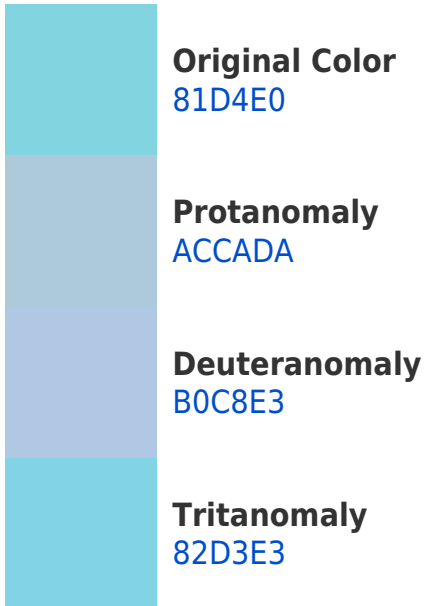
## Dichromacy



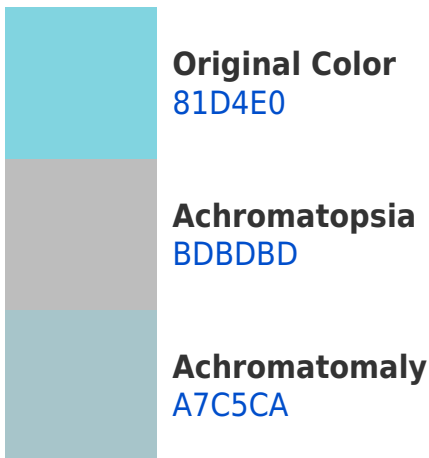


**Tritanopia**  
82D3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81D4E0 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 #81D4E0 looks like.

```
.text, #text, p{  
    color:#81D4E0  
}
```

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 #81D4E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81D4E0
}
```

## Border

The CSS property to change the border of an element to Hex 81D4E0 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
#81D4E0 }
```

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

```
.border{ border-color:#81D4E0 }
```

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

Here you see how a box with a 4 pixel #81D4E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81D4E0; -webkit-box-shadow:4px 4px  
4px 4px #81D4E0; box-shadow:4px 4px 4px  
4px #81D4E0 }
```

# Background

The CSS property to change the background color of an element to Hex 81D4E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81D4E0 }
```

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

```
.background{ background-color:#81D4E0 }
```

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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