

Converting Colors

Hex(81CBE6)

Have a look what the booklet for
Hex(81CBE6) contains.

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Color

Hex(81CBE6)

Conversions

Conversions Part 1

Format	Color
Hex	81CBE6
RGB	129, 203, 230
RGB Percent	51%, 80%, 90%
CMY	0.4941, 0.2039, 0.0980
CMYK	0.44, 0.12, 0.00, 0.10
HSL	196°, 67%, 70%
HSV	196°, 44%, 90%
XYZ	44.6921, 53.0922, 82.7552
YIQ	183.9520, -52.7710, -7.2910

Conversions

Conversions Part 2

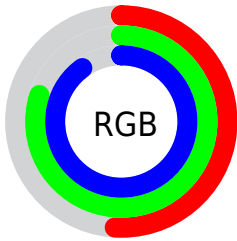
Format	Color
RYB	129, 172, 230
Decimal	8506342
CIELab	77.93, -16.06, -20.57
CIELCh	78, 26.099, 232.020
Yxy	53.0922, 0.2475, 0.2941
Android (android.graphics.Color)	4286696422 (0xFF81CBE6)
YUV	183.9520, 22.7017, -48.1929
Hunter-Lab	72.8644, -18.0278, -16.3331

Details

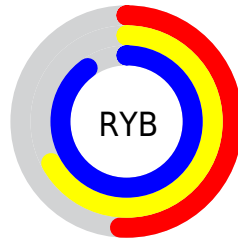
The Hex color **81CBE6** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E69C81**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **BAFFFF**, and **4895AE** is the 20% darker color. If you saturate the color by 10%, you get **6AC5E6**, and if you desaturate by 10%, it is **98D1E6**.

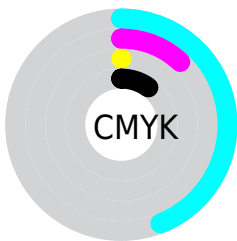
Distribution



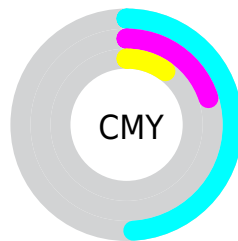
- Red (51%)
- Green (80%)
- Blue (90%)



- Red (51%)
- Yellow (67%)
- Blue (90%)



- Cyan (44%)
- Magenta (12%)
- Yellow (0%)
- Black (10%)



- Cyan (49%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81CBE6 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 81CBE6 by changing the saturation by 10% instead.

 81CBE6

 81CBE6

FFFFFF

 65B0CA

 BAFFFF

 4895AE

 D7FFFF

 287B94

 F5FFFF

 00627A

 004A61

 003349

 001F32

 00021E

 000000

 81CBE6

 81CBE6

 6AC5E6

 98D1E6

 53BFE6

 AFD7E6

 3CB9E6

 C6DDE6

 25B2E6

 DDE4E6

 0EACE6

 F4EAE6

 00A9E6

 FFF0E6

 FFF6E6

 FFFCE6

 FFFFE6

Harmonies

Analogous

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



7BCED2



81CBE6



9BC5F0

Triad

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



81CBE6



EDB0C8



C0C593

Complementary

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



81CBE6



E69C81

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.



D9BD91



81CBE6



F2B0B0

Square

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



81CBE6



DAB5DF



EBB59B



A4CBA2

Rectangle

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



81CBE6



B1C0F0



EBB59B



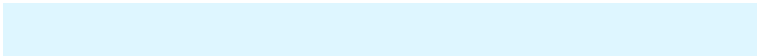
C9C291

Sweetspot

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



81CBE6



DEF6FF



81E69C



6B7A80



000000



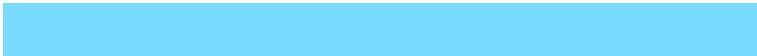
808080

Same Dimension

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



81CBE6



78DBFF



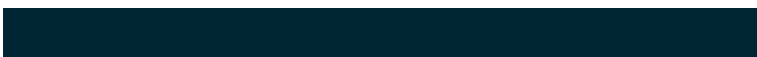
8199E6



677073



0083B3



002533

Inverse Universe

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



E681CB



FF78DB



E6CE81



736770



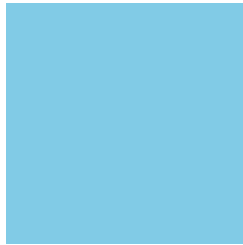
B30083



330025

Previews

White Background



This preview shows how the Hex color 81CBE6 looks on a white background.

Color Contrast Check

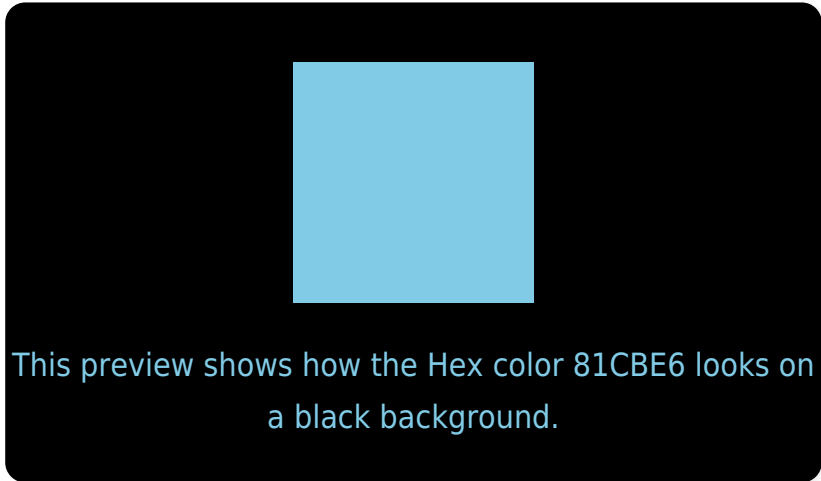
Large Text (above 18pt) WCAG AA × Fail

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

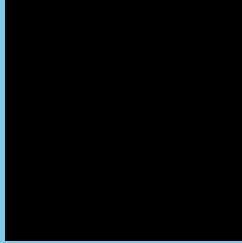
Any Text WCAG AA ✓ Pass

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 81CBE6 Background



This preview shows how black text looks on a background with the Hex color 81CBE6.

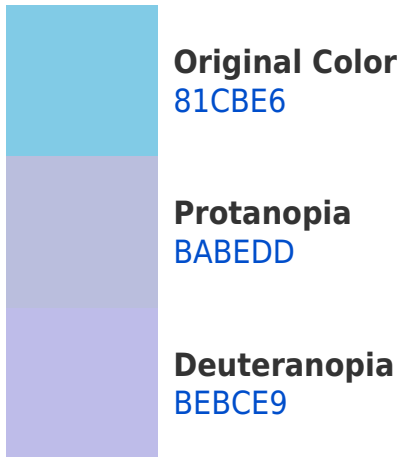


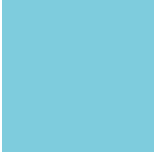
This preview shows how white text looks on a background with the Hex color 81CBE6.

Color Blindness Simulation

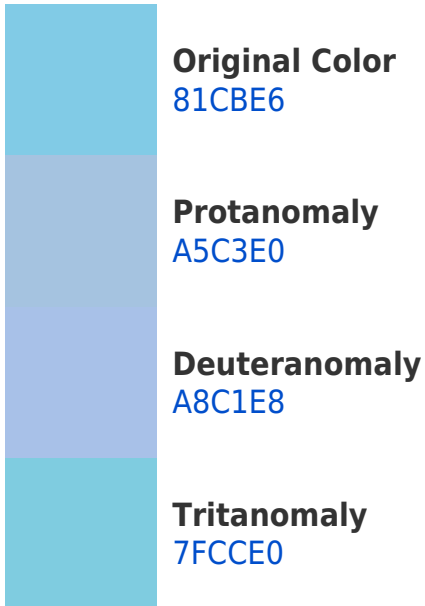
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81CBE6 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 #81CBE6 looks like.

```
.text, #text, p{  
    color:#81CBE6  
}
```

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 #81CBE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81CBE6  
}
```

Border

The CSS property to change the border of an element to Hex 81CBE6 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  
#81CBE6 }
```

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

```
.border{ border-color:#81CBE6 }
```

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

Here you see how a box with a 4 pixel #81CBE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81CBE6; -webkit-box-shadow:4px 4px  
4px 4px #81CBE6; box-shadow:4px 4px 4px  
4px #81CBE6 }
```

Background

The CSS property to change the background color of an element to Hex 81CBE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81CBE6 }
```

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

```
.background{ background-color:#81CBE6 }
```

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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