

Converting Colors

Hex(82CDEE)

Have a look what the booklet for
Hex(82CDEE) contains.

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Color

Hex(82CDEE)

Conversions

Conversions Part 1

Format	Color
Hex	82CDEE
RGB	130, 205, 238
RGB Percent	51%, 80%, 93%
CMY	0.4902, 0.1961, 0.0667
CMYK	0.45, 0.14, 0.00, 0.07
HSL	198°, 76%, 72%
HSV	198°, 45%, 93%
XYZ	46.4699, 54.5815, 88.9750
YIQ	186.3370, -55.2930, -5.6370

Conversions

Conversions Part 2

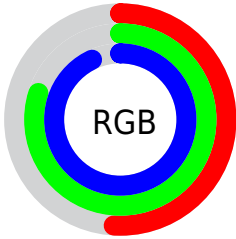
Format	Color
RYB	130, 174, 238
Decimal	8572398
CIELab	78.80, -14.72, -23.53
CIELCh	79, 27.760, 237.969
Yxy	54.5815, 0.2445, 0.2872
Android (android.graphics.Color)	4286762478 (0xFF82CDEE)
YUV	186.3370, 25.4699, -49.4075
Hunter-Lab	73.8793, -17.0128, -19.6891

Details

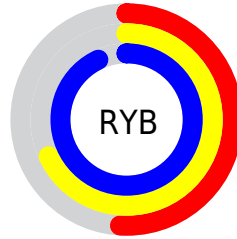
The Hex color **82CDEE** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EEA382**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **BBFFFF**, and **4897B6** is the 20% darker color. If you saturate the color by 10%, you get **6AC6EE**, and if you desaturate by 10%, it is **9AD4EE**.

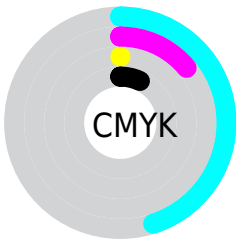
Distribution



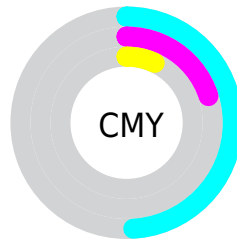
- Red (51%)
- Green (80%)
- Blue (93%)



- Red (51%)
- Yellow (68%)
- Blue (93%)



- Cyan (45%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (49%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82CDEE 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 82CDEE by changing the saturation by 10% instead.

 82CDEE

 82CDEE

FFFFFF

 65B1D2

 BBFFFF

 4897B6

 D9FFFF

 277D9B

 F6FFFF

 006481

 004C68

 003550

 002039

 000223

 00000A

 82CDEE

 82CDEE

 6AC6EE

 9AD4EE

 52BEEE

 B2DCEE

 3BB7EE

 C9E3EE

 23B0EE

 E1EAEE

 0BA9EE

 F9F1EE

 00A5EE

 FFF9EE

 FFFFEE

Harmonies

Analogous

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



77D1DA



82CDEE



A1C6F6

Triad

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



82CDEE



F4B0C6



BCC995

Complementary

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



82CDEE



EEA382

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.



D8C190



82CDEE



F7B2AC

Square

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



82CDEE



E3B5DF



EDB898



9FCFA7

Rectangle

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



82CDEE



B9C0F4



EDB898



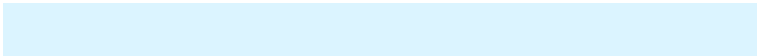
C6C692

Sweetspot

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



82CDEE



DBF4FF



82EEA2



6A7980



000000



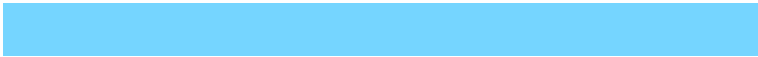
808080

Same Dimension

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



82CDEE



75D5FF



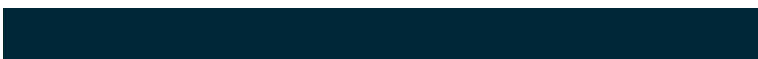
8298EE



6C7478



0080B8



002738

Inverse Universe

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



EE82CD



FF75D5



EED882



786C74



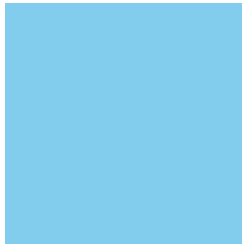
B80080



380027

Previews

White Background



This preview shows how the Hex color 82CDEE looks on a white background.

Color Contrast Check

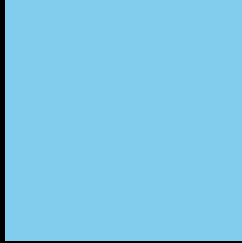
Large Text (above 18pt) WCAG AA × Fail

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 82CDEE 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 82CDEE Background



This preview shows how black text looks on a background with the Hex color 82CDEE.

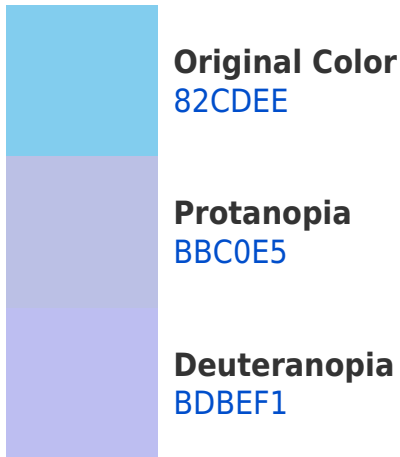


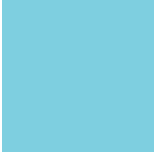
This preview shows how white text looks on a background with the Hex color 82CDEE.

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](#).

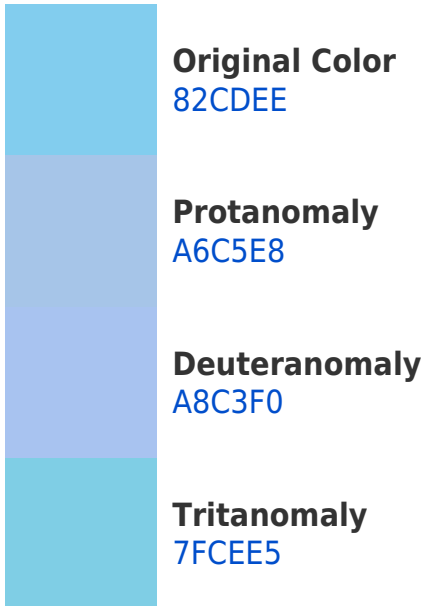
Dichromacy



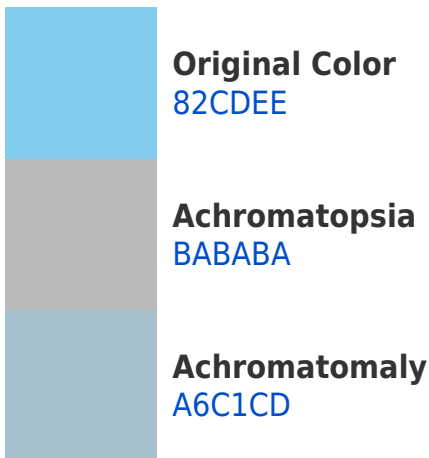


Tritanopia
7ECFE0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82CDEE 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 #82CDEE looks like.

```
.text, #text, p{  
    color:#82CDEE  
}
```

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 #82CDEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82CDEE
}
```

Border

The CSS property to change the border of an element to Hex 82CDEE 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
#82CDEE }
```

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

```
.border{ border-color:#82CDEE }
```

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

Here you see how a box with a 4 pixel #82CDEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82CDEE; -webkit-box-shadow:4px 4px  
4px 4px #82CDEE; box-shadow:4px 4px 4px  
4px #82CDEE }
```

Background

The CSS property to change the background color of an element to Hex 82CDEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82CDEE }
```

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

```
.background{ background-color:#82CDEE }
```

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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