

# Converting Colors

Hex(82C6DE)

Have a look what the booklet for  
Hex(82C6DE) contains.

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# **Color**

**Hex(82C6DE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82C6DE
RGB	130, 198, 222
RGB Percent	51%, 78%, 87%
CMY	0.4902, 0.2235, 0.1294
CMYK	0.41, 0.11, 0.00, 0.13
HSL	196°, 58%, 69%
HSV	196°, 41%, 87%
XYZ	42.5848, 50.4079, 76.5925
YIQ	180.4040, -48.2320, -6.9520

# Conversions

## Conversions Part 2

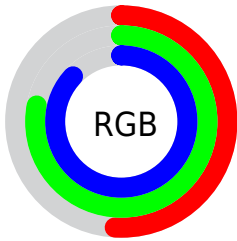
Format	Color
R <sub>YB</sub>	130, 169, 222
Decimal	8570590
CIE Lab	76.32, -15.33, -18.70
CIE LCh	76, 24.180, 230.658
Yxy	50.4079, 0.2511, 0.2972
Android (android.graphics.Color)	4286760670 (0xFF82C6DE)
YUV	180.4040, 20.5068, -44.2043
Hunter-Lab	70.9985, -17.1834, -14.2625

# Details

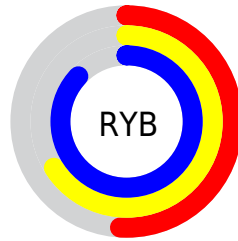
The Hex color **82C6DE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DE9A82**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **BAFFFF**, and **4A90A7** is the 20% darker color. If you saturate the color by 10%, you get **6CC0DE**, and if you desaturate by 10%, it is **98CCDE**.

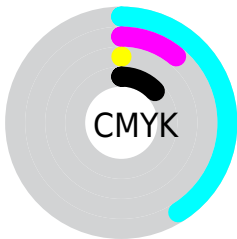
# Distribution



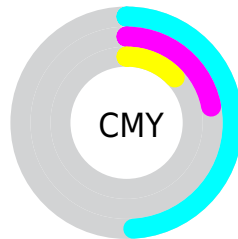
- Red (51%)
- Green (78%)
- Blue (87%)



- Red (51%)
- Yellow (66%)
- Blue (87%)



- Cyan (41%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



- Cyan (49%)
- Magenta (22%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82C6DE 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 82C6DE by changing the saturation by 10% instead.



 82C6DE

 82C6DE

FFFFFF

 66ABC2

 BAFFFF

 4A90A7

 D7FFFF

 2D768C

 F5FFFF

 005E73

 00465A

 002F43

 001C2C

 000118

 000000

82C6DE

82C6DE

6CC0DE

98CCDE

56BADE

AED2DE

3FB5DE

C5D7DE

29AFDE

DBDDDE

13A9DE

F1E3DE

00A4DE

FFE9DE

FFEFDDE

FFF4DE

FFFADE

# Harmonies

## Analogous

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



7EC9CB



82C6DE



98C0E8

# Triad

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



82C6DE



E5ADC4



BDC092

# Complementary

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



82C6DE



DE9A82

# 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.



D4B891



82C6DE



EAADAD

# Square

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



82C6DE



D2B2D9



E4B19B



A3C59F

# Rectangle

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



82C6DE



ADBCE8



E4B19B



C5BD90

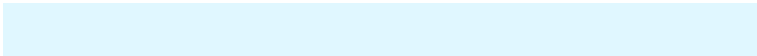


# Sweetspot

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



82C6DE



E0F7FF



82DE99



6E7B80



000000



808080

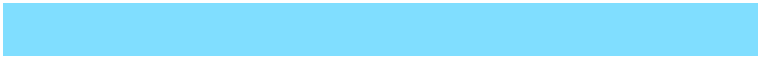


# Same Dimension

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



82C6DE



80DEFF



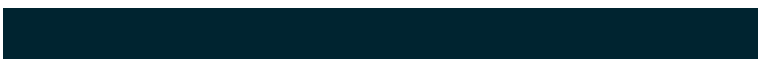
8299DE



656D70



0082B0



002430



# Inverse Universe

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



DE82C6



FF80DE



DEC782



70656D



B00082

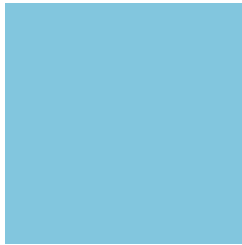


300024



# Previews

## White Background



This preview shows how the Hex color 82C6DE looks on a white background.

## Color Contrast Check

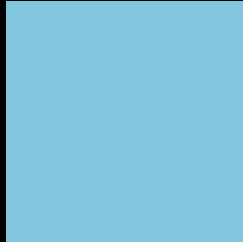
Large Text (above 18pt) WCAG AA × Fail

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 82C6DE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

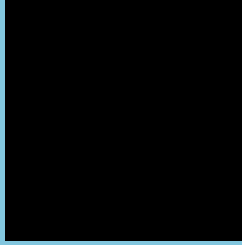
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 82C6DE Background



This preview shows how black text looks on a background with the Hex color 82C6DE.

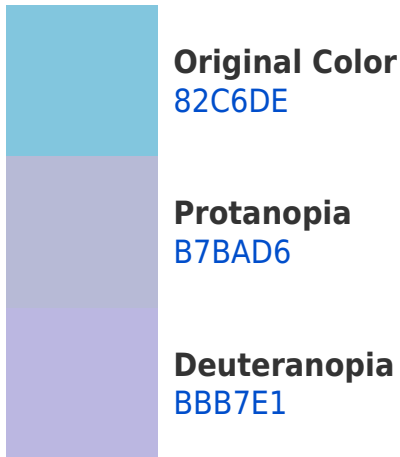


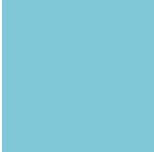
This preview shows how white text looks on a background with the Hex color 82C6DE.

# 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](#).

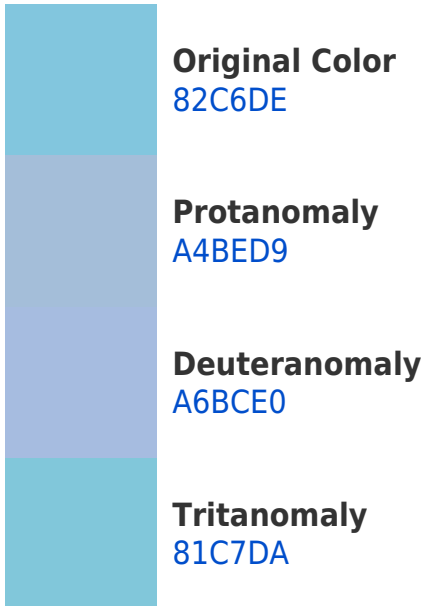
## Dichromacy



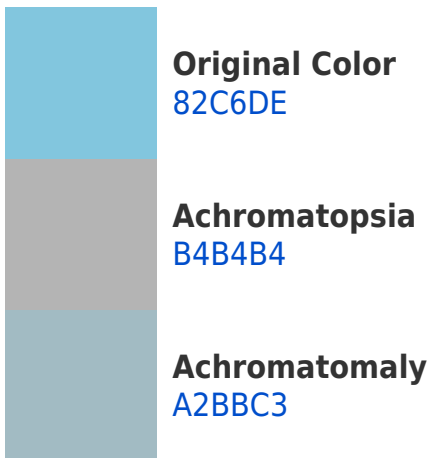


**Tritanopia**  
80C7D7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82C6DE 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 #82C6DE looks like.

```
.text, #text, p{  
    color:#82C6DE  
}
```

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 #82C6DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82C6DE
}
```

## Border

The CSS property to change the border of an element to Hex 82C6DE 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
#82C6DE }
```

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

```
.border{ border-color:#82C6DE }
```

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

Here you see how a box with a 4 pixel #82C6DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82C6DE; -webkit-box-shadow:4px 4px  
4px 4px #82C6DE; box-shadow:4px 4px 4px  
4px #82C6DE }
```

# Background

The CSS property to change the background color of an element to Hex 82C6DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82C6DE }
```

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

```
.background{ background-color:#82C6DE }
```

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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