

# Converting Colors

Hex(82C0D5)

Have a look what the booklet for  
Hex(82C0D5) contains.

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# **Color**

**Hex(82C0D5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82C0D5
RGB	130, 192, 213
RGB Percent	51%, 75%, 84%
CMY	0.4902, 0.2471, 0.1647
CMYK	0.39, 0.10, 0.00, 0.16
HSL	195°, 50%, 67%
HSV	195°, 39%, 84%
XYZ	40.0658, 47.2492, 69.9591
YIQ	175.8560, -43.6930, -6.6130

# Conversions

## Conversions Part 2

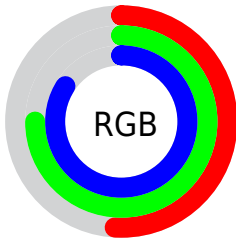
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">130, 165, 213</a>
Decimal	<a href="#">8569045</a>
CIELab	<a href="#">74.35, -14.54, -16.81</a>
CIELCh	<a href="#">74, 22.220, 229.145</a>
Yxy	<a href="#">47.2492, 0.2548, 0.3004</a>
Android (android.graphics.Color)	<a href="#">4286759125 (0xFF82C0D5)</a>
YUV	<a href="#">175.8560, 18.3120, -40.2157</a>
Hunter-Lab	<a href="#">68.7381, -16.2481, -12.2266</a>

# Details

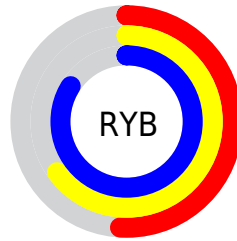
The Hex color **82C0D5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D59782**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **BAF8FF**, and **4B8A9E** is the 20% darker color. If you saturate the color by 10%, you get **6DBBD5**, and if you desaturate by 10%, it is **97C5D5**.

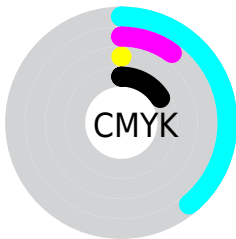
# Distribution



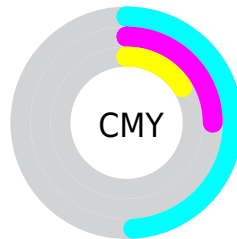
- Red (51%)
- Green (75%)
- Blue (84%)



- Red (51%)
- Yellow (65%)
- Blue (84%)



- Cyan (39%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)



- Cyan (49%)
- Magenta (25%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82C0D5 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 82C0D5 by changing the saturation by 10% instead.



 82C0D5

 82C0D5

FFFFFF

 67A5B9

 BAF8FF

 4B8A9E

 D7FFFF

 2F7184

 F4FFFF

 0B586B

 004153

 002B3C

 001726

 000110

 000000

■ 82C0D5

■ 82C0D5

■ 6DBBD5

■ 97C5D5

■ 57B5D5

■ ADCBD5

■ 42B0D5

■ C2D0D5

■ 2DAAD5

■ D7D6D5

■ 17A5D5

■ ECDBD5

■ 02A0D5

■ FFE0D5

■ 009FD5

■ FFE6D5

■ FFEBD5

■ FFF1D5

# Harmonies

## Analogous

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



7FC2C3



82C0D5



95BBDE

# Triad

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



82C0D5



DBA9BF



B9BA90

# Complementary

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



82C0D5



D59782

# 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.



CDB38F



82C0D5



E1A9AA

# Square

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



82C0D5



CAADD2



DCAD99



A1BF9C

# Rectangle

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



82C0D5



A7B7DF



DCAD99



C0B88F

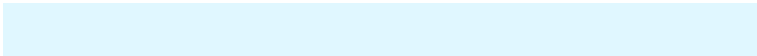


# Sweetspot

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



82C0D5



E0F7FF



82D597



6E7B80



000000



808080

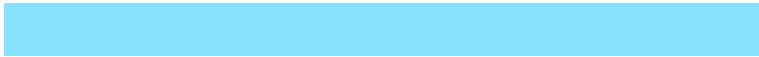


# Same Dimension

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



82C0D5



87E1FF



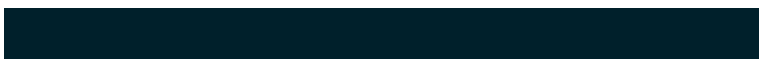
8297D5



60686B



0080AB



00202B



# Inverse Universe

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



D582C0



FF87E1



D5C082



6B6068



AB0080

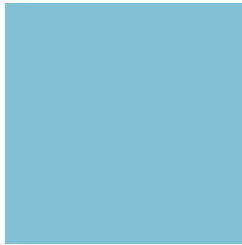


2B0020



# Previews

## White Background



This preview shows how the Hex color 82C0D5 looks on a white background.

## Color Contrast Check

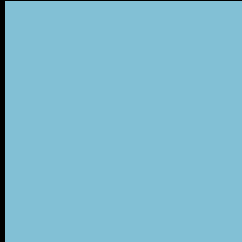
Large Text (above 18pt) WCAG AA × Fail

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 82C0D5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

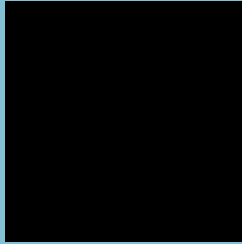
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 82C0D5 Background



This preview shows how black text looks on a background with the Hex color 82C0D5.

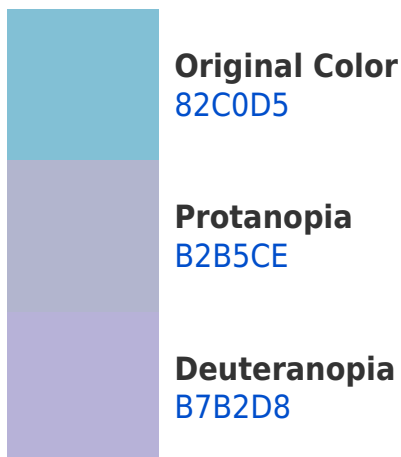


This preview shows how white text looks on a background with the Hex color 82C0D5.

# 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](#).

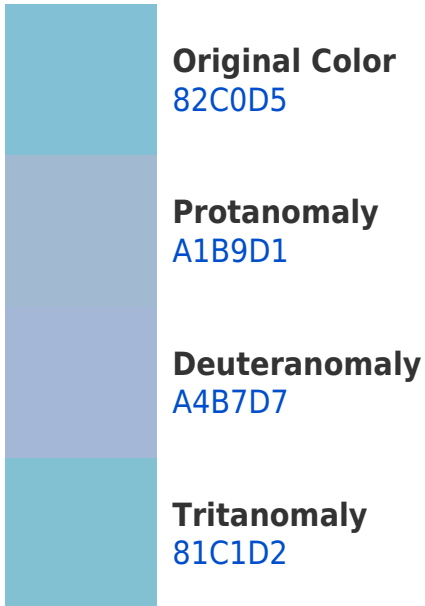
## Dichromacy



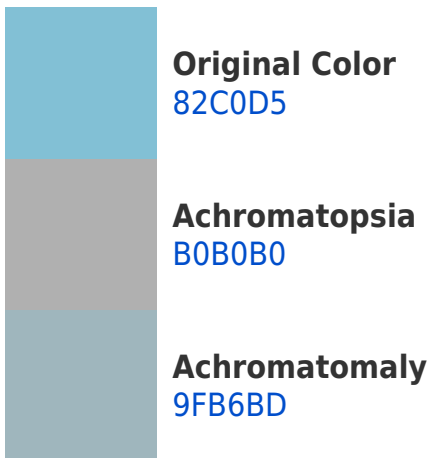


**Tritanopia**  
81C1D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82C0D5 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 #82C0D5 looks like.

```
.text, #text, p{  
    color:#82C0D5  
}
```

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 #82C0D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82C0D5
}
```

## Border

The CSS property to change the border of an element to Hex 82C0D5 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
#82C0D5 }
```

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

```
.border{ border-color:#82C0D5 }
```

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

Here you see how a box with a 4 pixel #82C0D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82C0D5; -webkit-box-shadow:4px 4px  
4px 4px #82C0D5; box-shadow:4px 4px 4px  
4px #82C0D5 }
```

# Background

The CSS property to change the background color of an element to Hex 82C0D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82C0D5 }
```

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

```
.background{ background-color:#82C0D5 }
```

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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