

# Converting Colors

Hex(82B0D9)

Have a look what the booklet for  
Hex(82B0D9) contains.

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**Color**

**Hex(82B0D9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82B0D9
RGB	130, 176, 217
RGB Percent	51%, 69%, 85%
CMY	0.4902, 0.3098, 0.1490
CMYK	0.40, 0.19, 0.00, 0.15
HSL	208°, 53%, 68%
HSV	208°, 40%, 85%
XYZ	37.2556, 40.8062, 71.5585
YIQ	166.9200, -40.5770, 2.9990

# Conversions

## Conversions Part 2

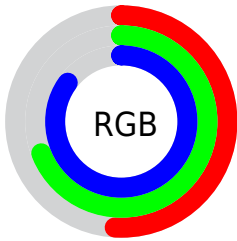
Format	Color
<a href="#">RYB</a>	<a href="#">130, 160, 217</a>
Decimal	<a href="#">8564953</a>
CIELab	<a href="#">70.04, -4.94, -25.54</a>
CIELCh	<a href="#">70, 26.014, 259.052</a>
Yxy	<a href="#">40.8062, 0.2490, 0.2727</a>
Android (android.graphics.Color)	<a href="#">4286755033 (0xFF82B0D9)</a>
YUV	<a href="#">166.9200, 24.6894, -32.3788</a>
Hunter-Lab	<a href="#">63.8798, -7.6857, -21.7011</a>

# Details

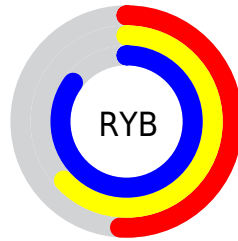
The Hex color **82B0D9** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D9AB82**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **BAE8FF**, and **4C7CA2** is the 20% darker color. If you saturate the color by 10%, you get **6CA6D9**, and if you desaturate by 10%, it is **98BAD9**.

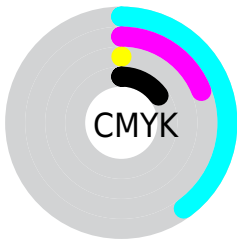
# Distribution



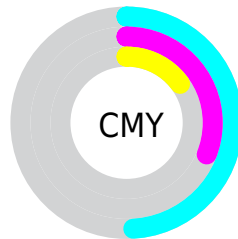
- Red (51%)
- Green (69%)
- Blue (85%)



- Red (51%)
- Yellow (63%)
- Blue (85%)



- Cyan (40%)
- Magenta (19%)
- Yellow (0%)
- Black (15%)



- Cyan (49%)
- Magenta (31%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82B0D9 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 82B0D9 by changing the saturation by 10% instead.



 82B0D9

 82B0D9

FFFFFF

 6795BD

 BAE8FF

 4C7CA2

 D6FFFF

 306388

 F3FFFF

 0D4B6E

 003556

 00203E

 000328

 000112

 000000

82B0D9

82B0D9

6CA6D9

98BAD9

579CD9

ADC4D9

4191D9

C3CFD9

2B87D9

D9D9D9

167DD9

EEE3D9

0073D9

FFEDD9

FFF8D9

FFFFD9

# Harmonies

## Analogous

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



69B6CE



82B0D9



A3A8D8

# Triad

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



82B0D9



DB9A9D



92B48C

# Complementary

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



82B0D9



D9AB82

# 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.



ADAE7E



82B0D9



D59F88

# Square

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



82B0D9



D59BB5



C4A77D



78B8A1

# Rectangle

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



82B0D9



B8A3D0



C4A77D



9BB386

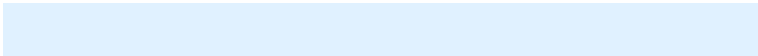


# Sweetspot

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



82B0D9



E0F1FF



82D9AB



6E7780



000000



808080

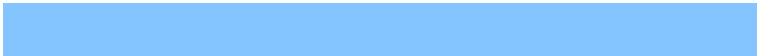


# Same Dimension

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



82B0D9



85C5FF



8285D9



63686E



005CAD



00182E



# Inverse Universe

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



D982B0



FF85C5



D9D682



6E6368



AD005C



2E0018



# Previews

## White Background



This preview shows how the Hex color 82B0D9 looks on a white background.

## Color Contrast Check

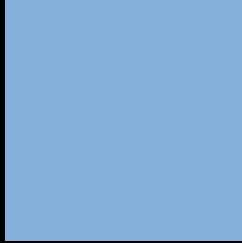
Large Text (above 18pt) WCAG AA × Fail

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 82B0D9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

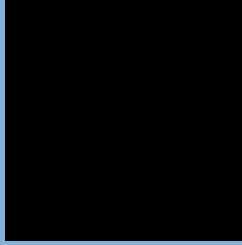
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

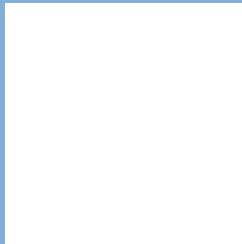
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 82B0D9 Background



This preview shows how black text looks on a background with the Hex color 82B0D9.

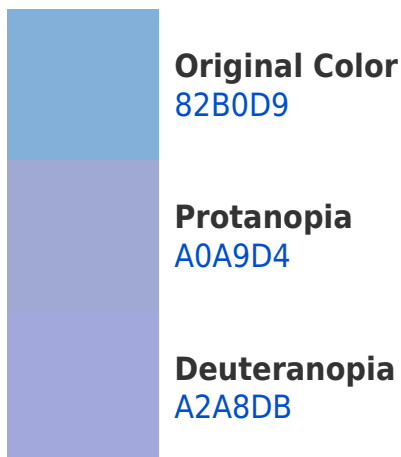


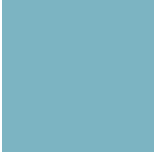
This preview shows how white text looks on a background with the Hex color 82B0D9.

# 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](#).

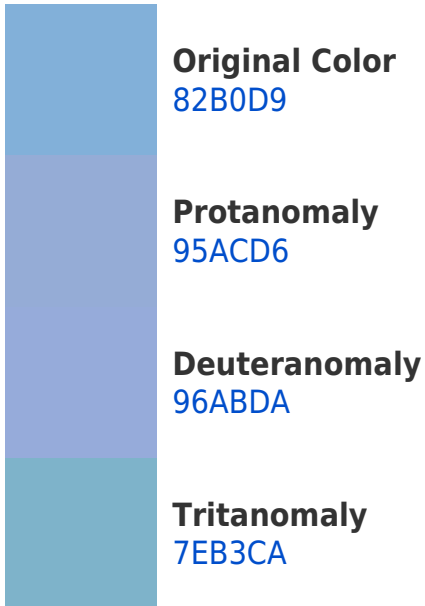
## Dichromacy



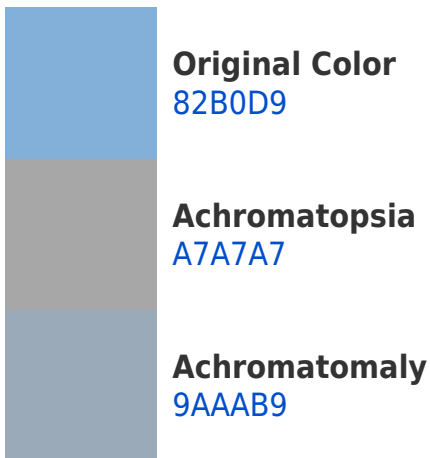


**Tritanopia**  
7CB4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82B0D9 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 #82B0D9 looks like.

```
.text, #text, p{  
    color:#82B0D9  
}
```

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 #82B0D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82B0D9
}
```

## Border

The CSS property to change the border of an element to Hex 82B0D9 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
#82B0D9 }
```

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

```
.border{ border-color:#82B0D9 }
```

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

Here you see how a box with a 4 pixel #82B0D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82B0D9; -webkit-box-shadow:4px 4px  
4px 4px #82B0D9; box-shadow:4px 4px 4px  
4px #82B0D9 }
```

# Background

The CSS property to change the background color of an element to Hex 82B0D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82B0D9 }
```

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

```
.background{ background-color:#82B0D9 }
```

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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