

# Converting Colors

Hex(82BACB)

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

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# **Color**

**Hex(82BACB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82BACB
RGB	130, 186, 203
RGB Percent	51%, 73%, 80%
CMY	0.4902, 0.2706, 0.2039
CMYK	0.36, 0.08, 0.00, 0.20
HSL	194°, 41%, 65%
HSV	194°, 36%, 80%
XYZ	37.5443, 44.1754, 63.0478
YIQ	171.1940, -38.8330, -6.5850

# Conversions

## Conversions Part 2

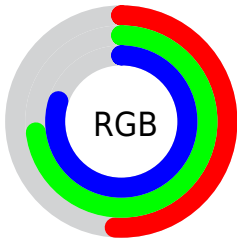
Format	Color
<a href="#">RYB</a>	<a href="#">130, 162, 203</a>
Decimal	<a href="#">8567499</a>
<a href="#">CIELab</a>	<a href="#">72.35, -13.94, -14.38</a>
<a href="#">CIElCh</a>	<a href="#">72, 20.024, 225.897</a>
<a href="#">Yxy</a>	<a href="#">44.1754, 0.2593, 0.3051</a>
Android (android.graphics.Color)	<a href="#">4286757579</a> ( <a href="#">0xFF82BACB</a> )
<a href="#">YUV</a>	<a href="#">171.1940, 15.6804, -36.1271</a>
<a href="#">Hunter-Lab</a>	<a href="#">66.4646, -15.4825, -9.7168</a>

# Details

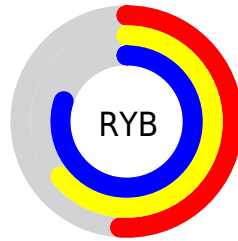
The Hex color **82BACB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CB9382**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **B9F2FF**, and **4D8595** is the 20% darker color. If you saturate the color by 10%, you get **6EB5CB**, and if you desaturate by 10%, it is **96BFCB**.

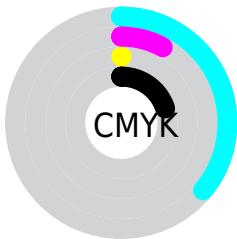
# Distribution



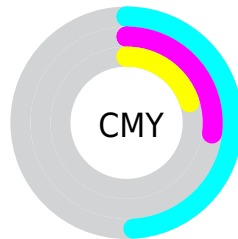
- Red (51%)
- Green (73%)
- Blue (80%)



- Red (51%)
- Yellow (64%)
- Blue (80%)



- Cyan (36%)
- Magenta (8%)
- Yellow (0%)
- Black (20%)



- Cyan (49%)
- Magenta (27%)
- Yellow (20%)

# Brightness & Saturation Gradients

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



 82BACB

 82BACB

FFFFFF

 679FB0

 B9F2FF

 4D8595

 D6FFFF

 326C7B

 F3FFFF

 135362

 003C4A

 002634

 00111F

 000003

 000000

 82BACB

 82BACB

 6EB5CB

 96BFCB

 59B1CB

 ABC3CB

 45ACCB

 BFC8CB

 31A7CB

 D3CDCB

 1DA2CB

 E8D2CB

 089ECB

 FCD6CB

 009CCB

 FFDBC B

 FFE0CB

 FFE5CB

# Harmonies

## Analogous

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



81BCBB



82BACB



92B6D4

# Triad

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



82BACB



D1A5BB



B5B38E

# Complementary

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



82BACB



CB9382

# 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.



C8AD8E



82BACB



D8A5A8

# Square

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



82BACB



C0AACB



D4A898



A0B898

# Rectangle

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



82BACB



A1B2D5



D4A898



BCB18D



# Sweetspot

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



82BACB



E3F8FF



82CB92



6F7C80



000000



808080

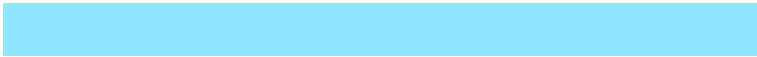


# Same Dimension

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



82BACB



91E5FF



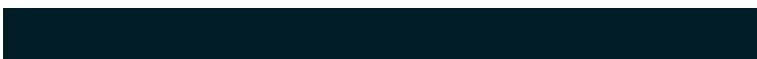
8297CB



5C6466



007FA6



001D26



# Inverse Universe

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



CB82BA



FF91E5



CBB682



665C64



A6007F



26001D



# Previews

## White Background



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

## Color Contrast Check

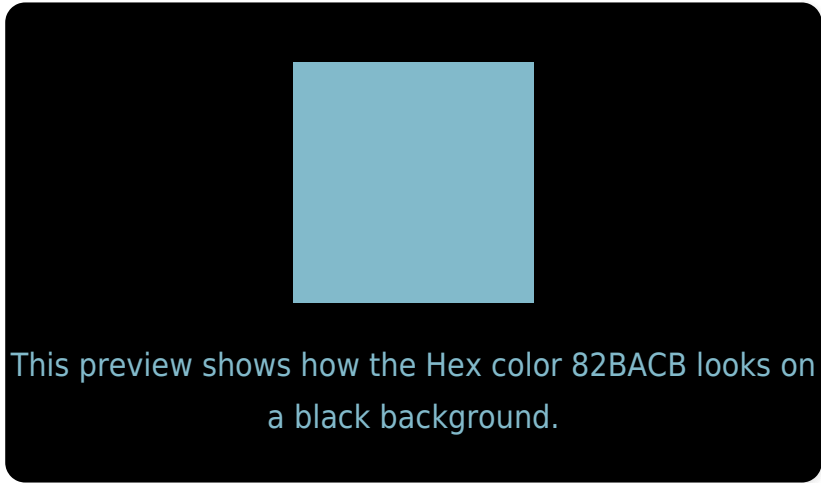
Large Text (above 18pt) WCAG AA × Fail

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

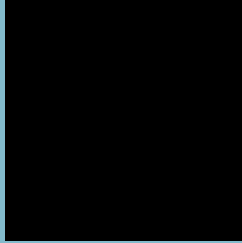
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 82BACB Background



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

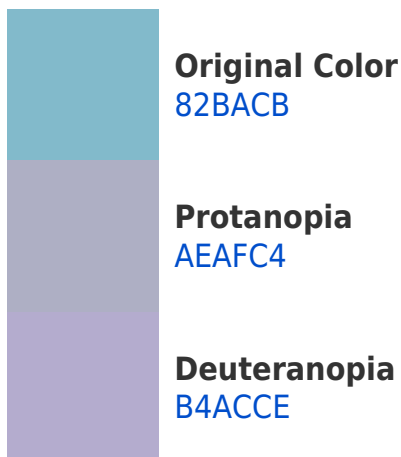


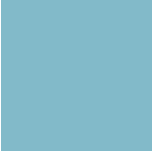
This preview shows how white text looks on a background with the Hex color 82BACB.

# 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](#).

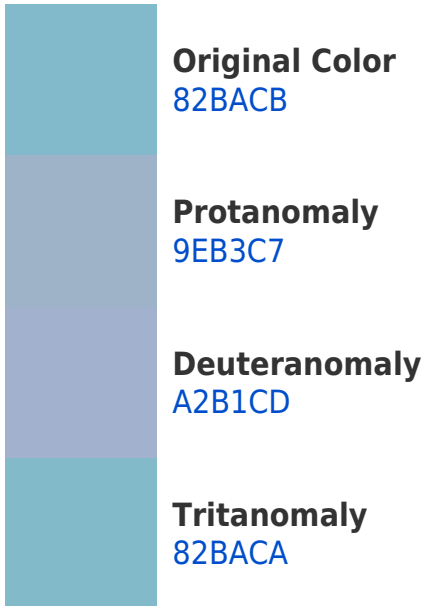
## Dichromacy



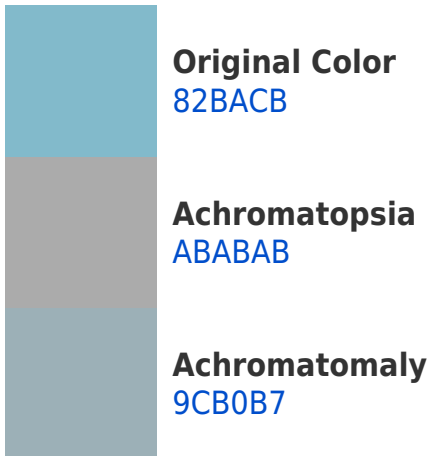


**Tritanopia**  
82BAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #82BACB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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