

Converting Colors

Hex(80BAD9)

Have a look what the booklet for
Hex(80BAD9) contains.

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Color

Hex(80BAD9)

Conversions

Conversions Part 1

Format	Color
Hex	80BAD9
RGB	128, 186, 217
RGB Percent	50%, 73%, 85%
CMY	0.4980, 0.2706, 0.1490
CMYK	0.41, 0.14, 0.00, 0.15
HSL	201°, 54%, 68%
HSV	201°, 41%, 85%
XYZ	38.9854, 44.7168, 72.2221
YIQ	172.1920, -44.5190, -2.6550

Conversions

Conversions Part 2

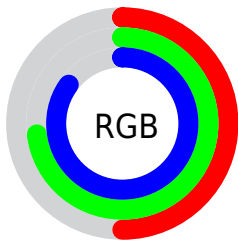
Format	Color
RYB	128, 163, 217
Decimal	8436441
CIELab	72.70, -10.85, -21.48
CIElCh	73, 24.066, 243.203
Yxy	44.7168, 0.2500, 0.2868
Android (android.graphics.Color)	4286626521 (0xFF80BAD9)
YUV	172.1920, 22.0903, -38.7564
Hunter-Lab	66.8706, -12.9585, -17.2254

Details

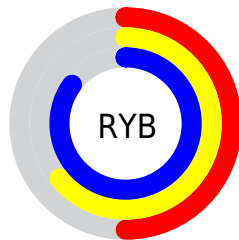
The Hex color **80BAD9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **D99F80**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **B8F2FF**, and **4985A2** is the 20% darker color. If you saturate the color by 10%, you get **6AB2D9**, and if you desaturate by 10%, it is **96C2D9**.

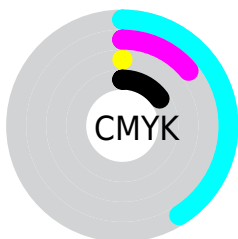
Distribution



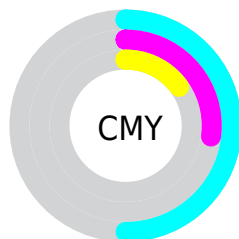
- Red (50%)
- Green (73%)
- Blue (85%)



- Red (50%)
- Yellow (64%)
- Blue (85%)



- Cyan (41%)
- Magenta (14%)
- Yellow (0%)
- Black (15%)



- Cyan (50%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80BAD9 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 80BAD9 by changing the saturation by 10% instead.

 80BAD9

 80BAD9

FFFFFF

 659FBD

 B8F2FF

 4985A2

 D5FFFF

 2C6C88

 F2FFFF

 04536E

 003C56

 00273F

 001329

 000113

 000000

80BAD9

80BAD9

6AB2D9

96C2D9

55ABD9

ABC9D9

3FA3D9

C1D1D9

299CD9

D7D8D9

1394D9

EDE0D9

008DD9

FFE7D9

FFEFD9

FFF6D9

FFFED9

Harmonies

Analogous

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



73BECA



80BAD9



9BB4DE

Triad

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



80BAD9



DEA3B1



A8B88D

Complementary

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



80BAD9



D99F80

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.



C0B287



80BAD9



DEA59B

Square

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



80BAD9



D1A5C7



D4AA8C



8FBD9E

Rectangle

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



80BAD9



AFAEDB



D4AA8C



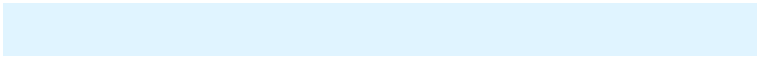
B1B68A

Sweetspot

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



80BAD9



E0F4FF



80D99E



6E7980



000000



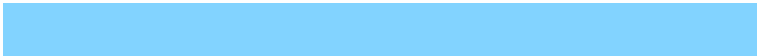
808080

Same Dimension

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



80BAD9



82D3FF



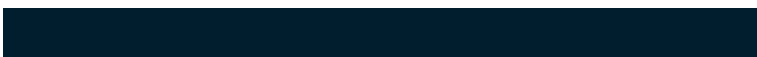
808FD9



636A6E



0071AD



001E2E

Inverse Universe

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



D980BA



FF82D3



D9CA80



6E636A



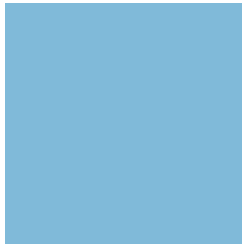
AD0071



2E001E

Previews

White Background



This preview shows how the Hex color 80BAD9 looks on a white background.

Color Contrast Check

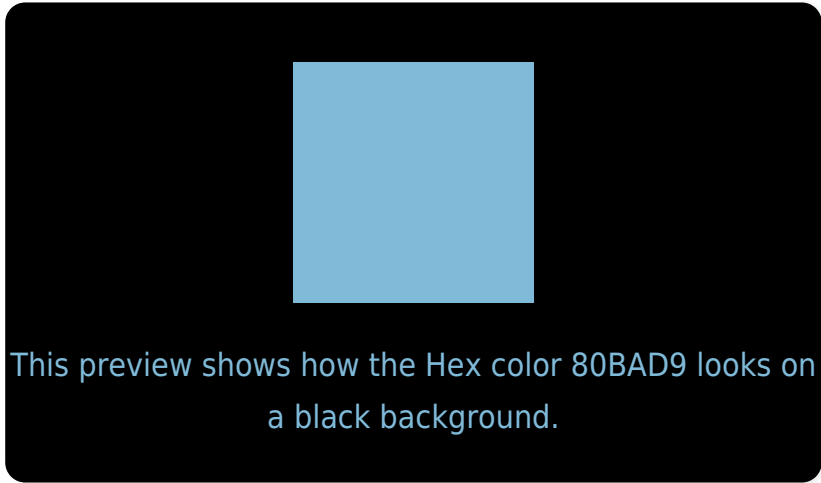
Large Text (above 18pt) WCAG AA × Fail

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 80BAD9 Background



This preview shows how black text looks on a background with the Hex color 80BAD9.

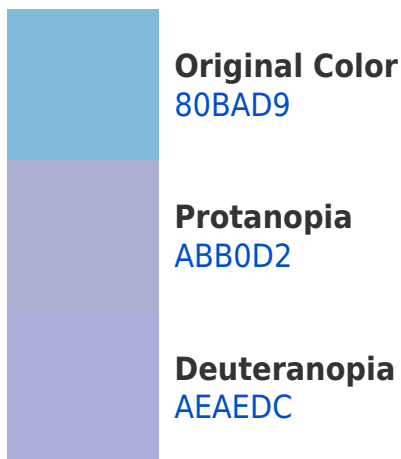


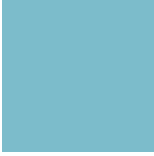
This preview shows how white text looks on a background with the Hex color 80BAD9.

Color Blindness Simulation

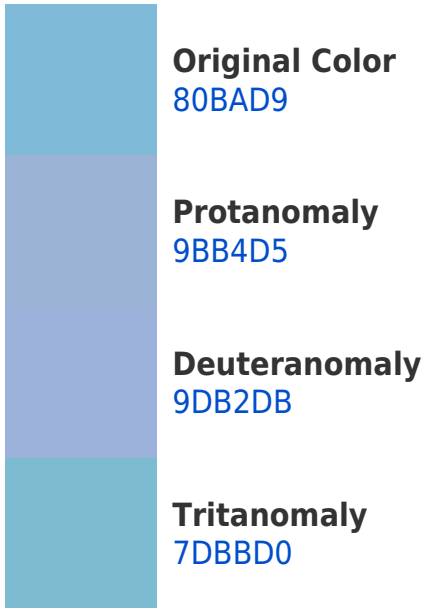
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

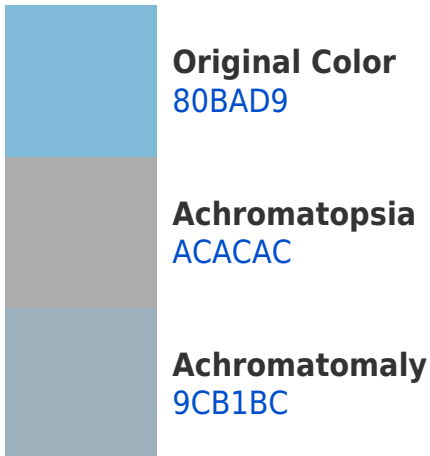




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80BAD9 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 #80BAD9 looks like.

```
.text, #text, p{  
    color:#80BAD9  
}
```

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 #80BAD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80BAD9
}
```

Border

The CSS property to change the border of an element to Hex 80BAD9 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
#80BAD9 }
```

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

```
.border{ border-color:#80BAD9 }
```

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

Here you see how a box with a 4 pixel #80BAD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80BAD9; -webkit-box-shadow:4px 4px  
4px 4px #80BAD9; box-shadow:4px 4px 4px  
4px #80BAD9 }
```

Background

The CSS property to change the background color of an element to Hex 80BAD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80BAD9 }
```

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

```
.background{ background-color:#80BAD9 }
```

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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