

Converting Colors

Hex(80BBDA)

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

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Color

Hex(80BBDA)

Conversions

Conversions Part 1

Format	Color
Hex	80BBDA
RGB	128, 187, 218
RGB Percent	50%, 73%, 85%
CMY	0.4980, 0.2667, 0.1451
CMYK	0.41, 0.14, 0.00, 0.15
HSL	201°, 55%, 68%
HSV	201°, 41%, 85%
XYZ	39.3273, 45.1918, 72.9798
YIQ	172.8930, -45.1150, -2.8670

Conversions

Conversions Part 2

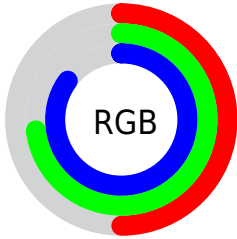
Format	Color
RYB	128, 164, 218
Decimal	8436698
CIELab	73.02, -11.12, -21.55
CIElCh	73, 24.248, 242.714
Yxy	45.1918, 0.2497, 0.2869
Android (android.graphics.Color)	4286626778 (0xFF80BBDA)
YUV	172.8930, 22.2378, -39.3712
Hunter-Lab	67.2248, -13.2189, -17.3083

Details

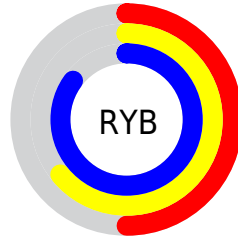
The Hex color **80BBDA** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **DA9F80**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **B8F3FF**, and **4986A3** is the 20% darker color. If you saturate the color by 10%, you get **6AB3DA**, and if you desaturate by 10%, it is **96C3DA**.

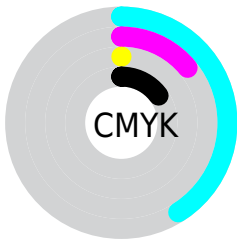
Distribution



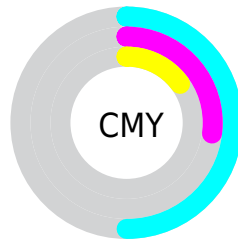
- Red (50%)
- Green (73%)
- Blue (85%)



- 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 80BBDA 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 80BBDA by changing the saturation by 10% instead.

 80BBDA

 80BBDA

FFFFFF

 65A0BE

 B8F3FF

 4986A3

 D5FFFF

 2C6D89

 F2FFFF

 02546F

 003D57

 00273F

 001329

 000114

 000000

80BBDA

80BBDA

6AB3DA

96C3DA

54ACDA

ACCADA

3FA4DA

C1D2DA

299DDA

D7D9DA

1395DA

EDE1DA

008FDA

FFE8DA

FFF0DA

FFF7DA

FFFFDA

Harmonies

Analogous

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



74BFCA



80BBDA



9BB5DF

Triad

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



80BBDA



DFA3B2



AAB98D

Complementary

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



80BBDA



DA9F80

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.



C2B287



80BBDA



E0A59C

Square

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



80BBDA



D2A6C8



D5AB8C



90BE9E

Rectangle

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



80BBDA



B0AFDC



D5AB8C



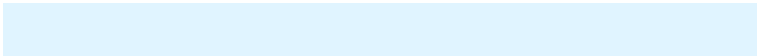
B2B78A

Sweetspot

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



80BBDA



E0F4FF



80DA9E



6E7980



000000



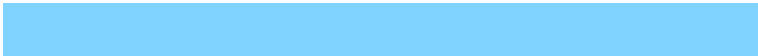
808080

Same Dimension

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



80BBDA



80D3FF



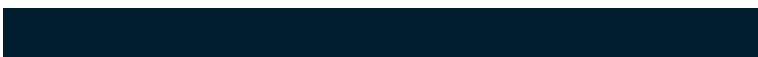
808FDA



636A6E



0072AD



001E2E

Inverse Universe

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



DA80BB



FF80D3



DACB80



6E636A



AD0072



2E001E

Previews

White Background



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

Color Contrast Check

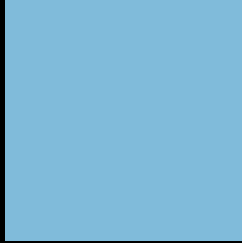
Large Text (above 18pt) WCAG AA × Fail

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 80BBDA 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 80BBDA Background



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

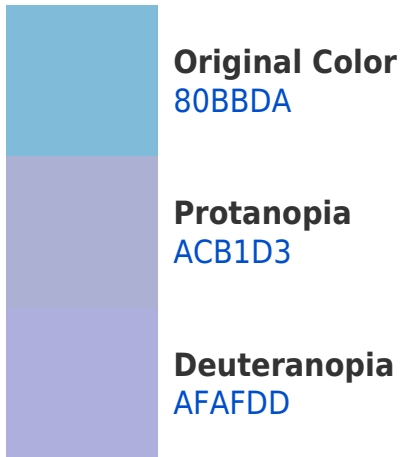


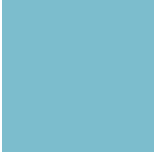
This preview shows how white text looks on a background with the Hex color 80BBDA.

Color Blindness Simulation

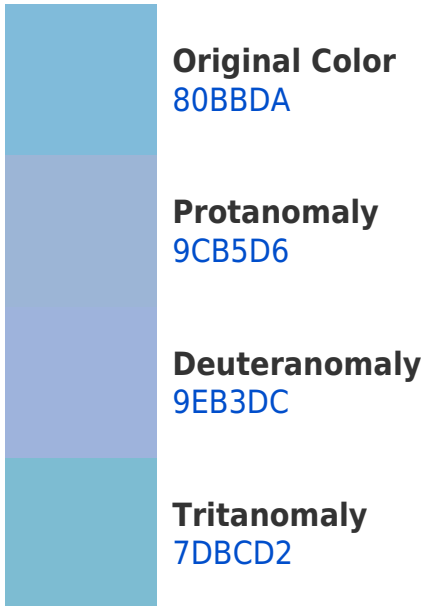
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

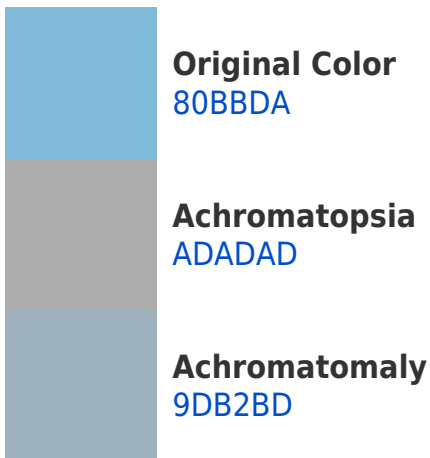




Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #80BBDA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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