

Converting Colors

Hex(80AFDB)

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

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Color

Hex(80AFDB)

Conversions

Conversions Part 1

Format	Color
Hex	80AFDB
RGB	128, 175, 219
RGB Percent	50%, 69%, 86%
CMY	0.4980, 0.3137, 0.1412
CMYK	0.42, 0.20, 0.00, 0.14
HSL	209°, 56%, 68%
HSV	209°, 42%, 86%
XYZ	37.0182, 40.3636, 72.8577
YIQ	165.9630, -42.1360, 3.7200

Conversions

Conversions Part 2

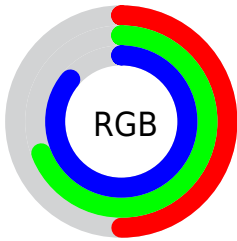
Format	Color
RYB	128, 159, 219
Decimal	8433627
CIELab	69.73, -4.37, -27.13
CIELCh	70, 27.476, 260.841
Yxy	40.3636, 0.2464, 0.2687
Android (android.graphics.Color)	4286623707 (0xFF80AFDB)
YUV	165.9630, 26.1472, -33.2936
Hunter-Lab	63.5324, -7.1755, -23.5200

Details

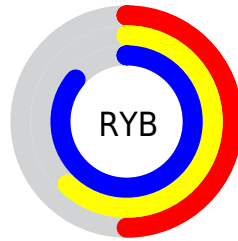
The Hex color **80AFDB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DBAC80**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **B8E6FF**, and **497BA4** is the 20% darker color. If you saturate the color by 10%, you get **6AA4DB**, and if you desaturate by 10%, it is **96BADB**.

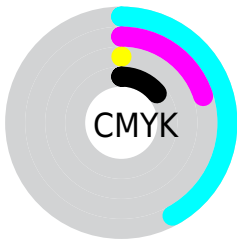
Distribution



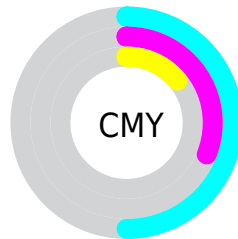
- Red (50%)
- Green (69%)
- Blue (86%)



- Red (50%)
- Yellow (62%)
- Blue (86%)



- Cyan (42%)
- Magenta (20%)
- Yellow (0%)
- Black (14%)



- Cyan (50%)
- Magenta (31%)
- Yellow (14%)

Brightness & Saturation Gradients

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

 80AFDB

 80AFDB

FFFFFF

 6594BF

 B8E6FF

 497BA4

 D5FFFF

 2D6289

 F2FFFF

 054A70

 003457

 001F40

 00032A

 000114

 000000

 80AFDB

 80AFDB

 6AA4DB

 96BADB

 549ADB

 ACC4DB

 3E8FDB

 C2CFDB

 2885DB

 D8D9DB

 127ADB

 EDE4DB

 0071DB

 FFEFDB

 FFF9DB

 FFFFDB

Harmonies

Analogous

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



64B5D0



80AFDB



A4A7D9

Triad

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



80AFDB



DD999A



8EB48A

Complementary

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



80AFDB



DBAC80

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.



AAAE7B



80AFDB



D59E85

Square

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



80AFDB



D799B3



C3A679



72B8A2

Rectangle

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



80AFDB



B9A1D0



C3A679



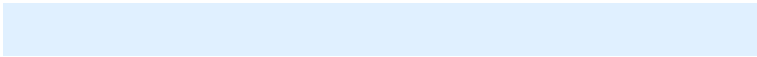
97B384

Sweetspot

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



80AFDB



E0F0FF



80DBAC



6E7780



000000



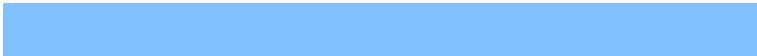
808080

Same Dimension

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



80AFDB



80C1FF



8082DB



63686E



005AAD



00182E

Inverse Universe

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



DB80AF



FF80C1



DBD980



6E6368



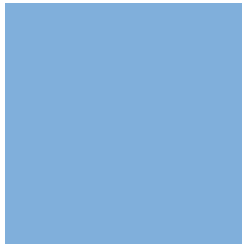
AD005A



2E0018

Previews

White Background



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

Color Contrast Check

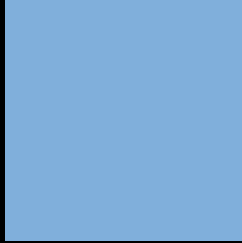
Large Text (above 18pt) WCAG AA × Fail

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 80AFDB 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 80AFDB Background



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

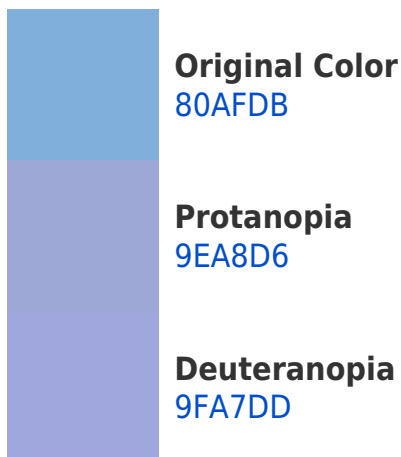


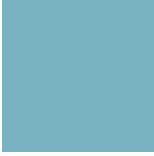
This preview shows how white text looks on a background with the Hex color 80AFDB.

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](#).

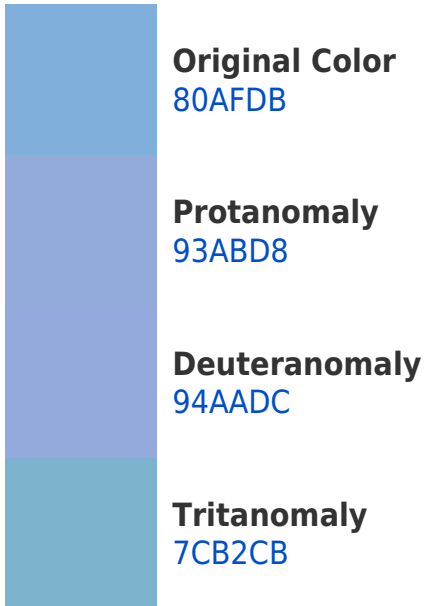
Dichromacy



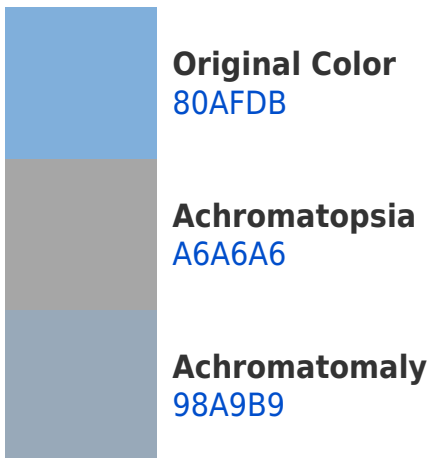


Tritanopia
79B3C2

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #80AFDB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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