

Converting Colors

Hex(80A7D5)

Have a look what the booklet for
Hex(80A7D5) contains.

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Color

Hex(80A7D5)

Conversions

Conversions Part 1

Format	Color
Hex	80A7D5
RGB	128, 167, 213
RGB Percent	50%, 65%, 84%
CMY	0.4980, 0.3451, 0.1647
CMYK	0.40, 0.22, 0.00, 0.16
HSL	212°, 50%, 67%
HSV	212°, 40%, 84%
XYZ	34.7310, 37.0307, 68.2679
YIQ	160.5830, -38.0100, 6.0380

Conversions

Conversions Part 2

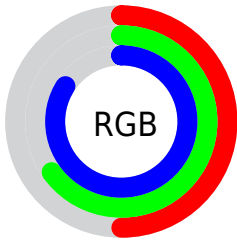
Format	Color
RYB	128, 155, 213
Decimal	8431573
CIELab	67.30, -1.59, -27.56
CIELCh	67, 27.603, 266.698
Yxy	37.0307, 0.2480, 0.2644
Android (android.graphics.Color)	4286621653 (0xFF80A7D5)
YUV	160.5830, 25.8416, -28.5753
Hunter-Lab	60.8529, -4.6158, -23.9176

Details

The Hex color **80A7D5** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D5AE80**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **B7DEFF**, and **4A739E** is the 20% darker color. If you saturate the color by 10%, you get **6B9BD5**, and if you desaturate by 10%, it is **95B3D5**.

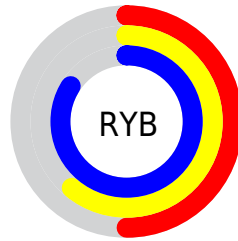
Distribution



Red (50%)

Green (65%)

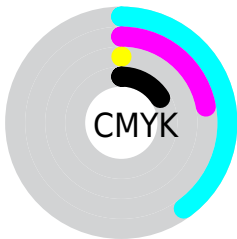
Blue (84%)



Red (50%)

Yellow (61%)

Blue (84%)

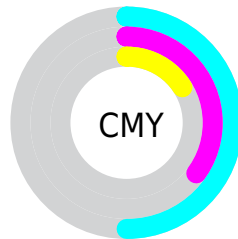


Cyan (40%)

Magenta (22%)

Yellow (0%)

Black (16%)



Cyan (50%)

Magenta (35%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80A7D5 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 80A7D5 by changing the saturation by 10% instead.

 80A7D5

 80A7D5

FFFFFF

 658DB9

 B7DEFF

 4A739E

 D4FBFF

 2E5B84

 F1FFFF

 0C436B

 002D52

 00193B

 000225

 00010D

 000000

 80A7D5

 80A7D5

 6B9BD5

 95B3D5

 5590D5

 ABBED5

 4084D5

 C0CAD5

 2B79D5

 D5D5D5

 156DD5

 EBE1D5

 0062D5

 FFECD5

 FFF8D5

 FFFFD5

Harmonies

Analogous

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



61AECB



80A7D5



A49ED0

Triad

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



80A7D5



D6938F



82AF88

Complementary

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



80A7D5



D5AE80

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.



9EA977



80A7D5



CC997B

Square

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



80A7D5



D292A8



B8A172



66B2A0

Rectangle

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



80A7D5



B899C6



B8A172



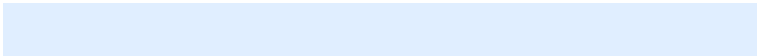
8BAD81

Sweetspot

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



80A7D5



E0EEFF



80D5AD



6E7680



000000



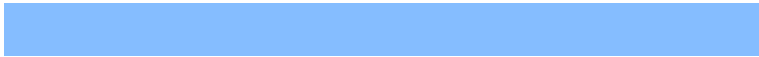
808080

Same Dimension

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



80A7D5



85BDFF



8380D5



60656B



004EAB



00142B

Inverse Universe

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



D580A7



FF85BD



D2D580



6B6065



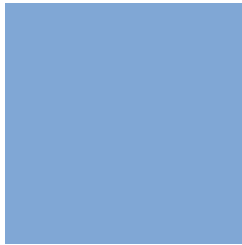
AB004E



2B0014

Previews

White Background



This preview shows how the Hex color 80A7D5 looks on a white background.

Color Contrast Check

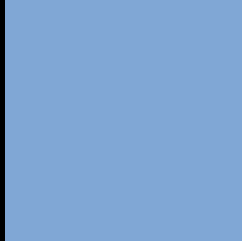
Large Text (above 18pt) WCAG AA × Fail

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 80A7D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

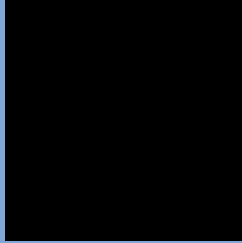
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

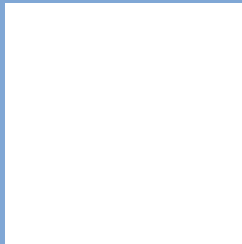
Any Text WCAG AAA ✓ Pass

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

Hex 80A7D5 Background



This preview shows how black text looks on a background with the Hex color 80A7D5.

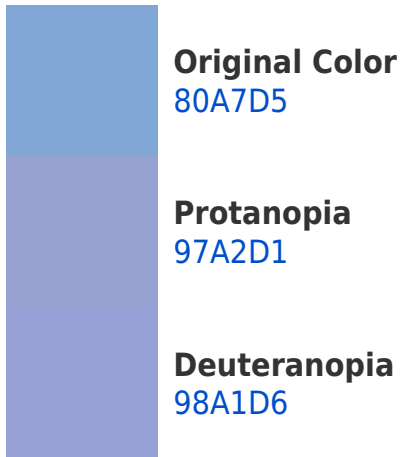


This preview shows how white text looks on a background with the Hex color 80A7D5.

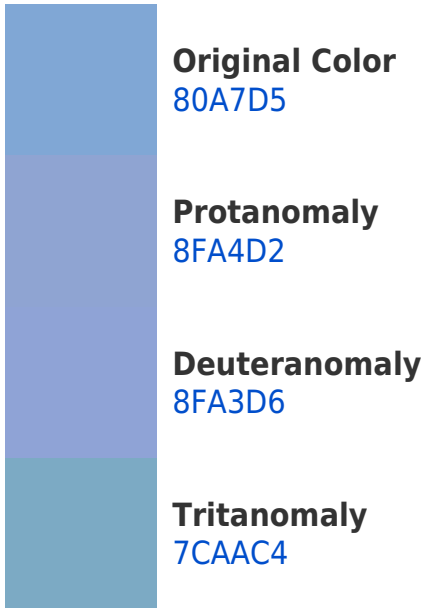
Color Blindness Simulation

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](#).

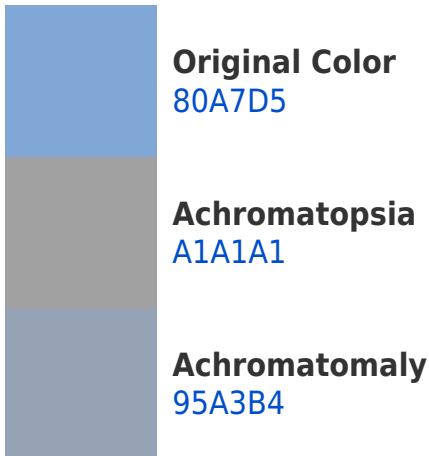
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80A7D5 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 #80A7D5 looks like.

```
.text, #text, p{  
    color:#80A7D5  
}
```

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 #80A7D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80A7D5
}
```

Border

The CSS property to change the border of an element to Hex 80A7D5 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
#80A7D5 }
```

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

```
.border{ border-color:#80A7D5 }
```

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

Here you see how a box with a 4 pixel #80A7D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80A7D5; -webkit-box-shadow:4px 4px  
4px 4px #80A7D5; box-shadow:4px 4px 4px  
4px #80A7D5 }
```

Background

The CSS property to change the background color of an element to Hex 80A7D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80A7D5 }
```

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

```
.background{ background-color:#80A7D5 }
```

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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