

Converting Colors

Hex(80A4D4)

Have a look what the booklet for
Hex(80A4D4) contains.

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Color

Hex(80A4D4)

Conversions

Conversions Part 1

Format	Color
Hex	80A4D4
RGB	128, 164, 212
RGB Percent	50%, 64%, 83%
CMY	0.4980, 0.3569, 0.1686
CMYK	0.40, 0.23, 0.00, 0.17
HSL	214°, 49%, 67%
HSV	214°, 40%, 83%
XYZ	34.0612, 35.8936, 67.4203
YIQ	158.7080, -36.8640, 7.2960

Conversions

Conversions Part 2

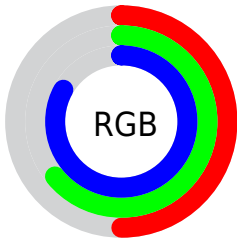
Format	Color
R _Y B	128, 153, 212
Decimal	8430804
CIE Lab	66.44, -0.19, -28.33
CIE LCh	66, 28.332, 269.617
Yxy	35.8936, 0.2479, 0.2613
Android (android.graphics.Color)	4286620884 (0xFF80A4D4)
YUV	158.7080, 26.2730, -26.9309
Hunter-Lab	59.9113, -3.3625, -24.7833

Details

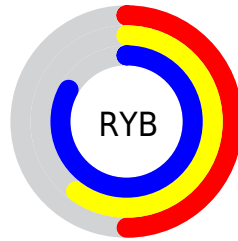
The Hex color **80A4D4** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D4B080**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B7DBFF**, and **4A709D** is the 20% darker color. If you saturate the color by 10%, you get **6B98D4**, and if you desaturate by 10%, it is **95B0D4**.

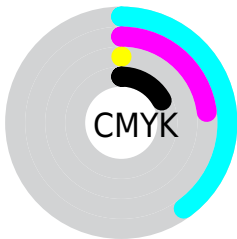
Distribution



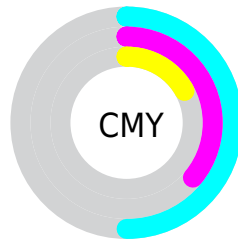
- Red (50%)
- Green (64%)
- Blue (83%)



- Red (50%)
- Yellow (60%)
- Blue (83%)



- Cyan (40%)
- Magenta (23%)
- Yellow (0%)
- Black (17%)



- Cyan (50%)
- Magenta (36%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80A4D4 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 80A4D4 by changing the saturation by 10% instead.

 80A4D4

 80A4D4

FFFFFF

 658AB8

 B7DBFF

 4A709D

 D4F7FF

 2F5883

 F1FFFF

 0D416A

 002B51

 00173A

 000224

 00000C

 000000

80A4D4

80A4D4

6B98D4

95B0D4

568CD4

AABCD4

4080D4

C0C8D4

2B74D4

D5D4D4

1667D4

EAE1D4

015BD4

FFEDD4

005BD4

FFF9D4

FFFFD4

Harmonies

Analogous

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



5EABCD



80A4D4



A59BCE

Triad

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



80A4D4



D4908A



7BAD87

Complementary

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



80A4D4



D4B080

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.



99A875



80A4D4



C99776

Square

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



80A4D4



D28FA3



B4A06F



60B0A0

Rectangle

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



80A4D4



B995C3



B4A06F



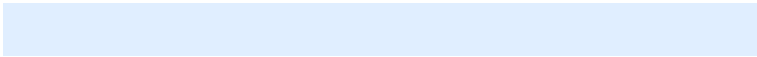
85AC80

Sweetspot

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



80A4D4



E0EEFF



80D4B0



6E7580



000000



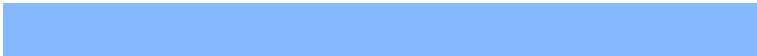
808080

Same Dimension

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



80A4D4



85B9FF



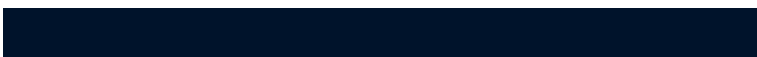
8680D4



60656B



0049AB



00132B

Inverse Universe

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



D480A4



FF85B9



CED480



6B6065



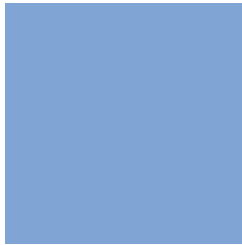
AB0049



2B0013

Previews

White Background



This preview shows how the Hex color 80A4D4 looks on a white background.

Color Contrast Check

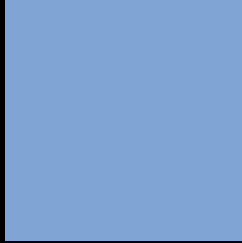
Large Text (above 18pt) WCAG AA × Fail

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 80A4D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

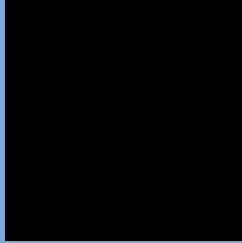
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

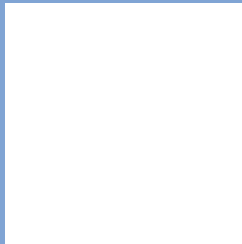
Any Text WCAG AAA ✓ Pass

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

Hex 80A4D4 Background



This preview shows how black text looks on a background with the Hex color 80A4D4.

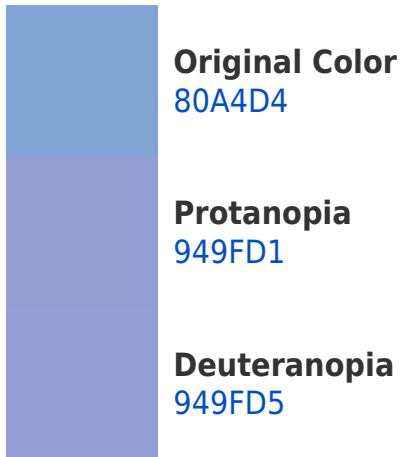


This preview shows how white text looks on a background with the Hex color 80A4D4.

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](#).

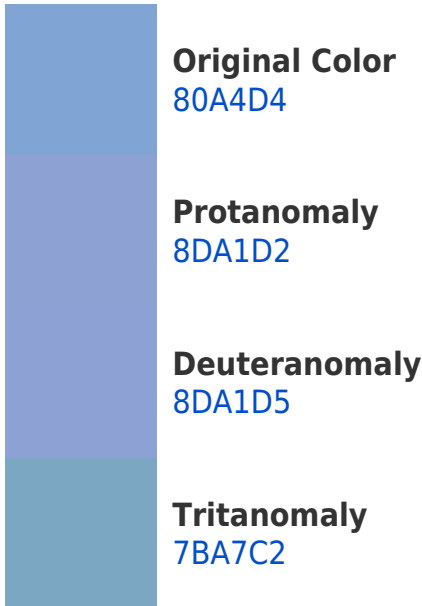
Dichromacy



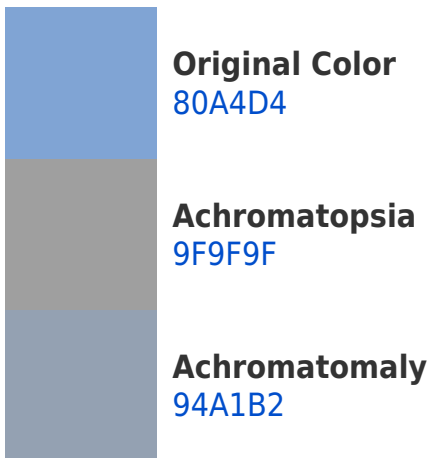


Tritanopia
78A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80A4D4 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 #80A4D4 looks like.

```
.text, #text, p{  
    color:#80A4D4  
}
```

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 #80A4D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80A4D4
}
```

Border

The CSS property to change the border of an element to Hex 80A4D4 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
#80A4D4 }
```

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

```
.border{ border-color:#80A4D4 }
```

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

Here you see how a box with a 4 pixel #80A4D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80A4D4; -webkit-box-shadow:4px 4px  
4px 4px #80A4D4; box-shadow:4px 4px 4px  
4px #80A4D4 }
```

Background

The CSS property to change the background color of an element to Hex 80A4D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80A4D4 }
```

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

```
.background{ background-color:#80A4D4 }
```

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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