

Converting Colors

Hex(7BA3DB)

Have a look what the booklet for
Hex(7BA3DB) contains.

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Color

Hex(7BA3DB)

Conversions

Conversions Part 1

Format	Color
Hex	7BA3DB
RGB	123, 163, 219
RGB Percent	48%, 64%, 86%
CMY	0.5176, 0.3608, 0.1412
CMYK	0.44, 0.26, 0.00, 0.14
HSL	215°, 57%, 67%
HSV	215°, 44%, 86%
XYZ	34.0518, 35.5198, 72.0791
YIQ	157.4240, -41.8160, 8.9360

Conversions

Conversions Part 2

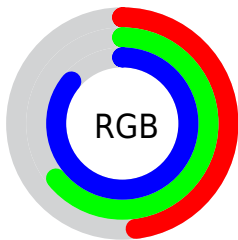
Format	Color
RYB	123, 151, 219
Decimal	8102875
CIELab	66.15, 1.02, -32.67
CIELCh	66, 32.682, 271.780
Yxy	35.5198, 0.2404, 0.2508
Android (android.graphics.Color)	4286292955 (0xFF7BA3DB)
YUV	157.4240, 30.3570, -30.1898
Hunter-Lab	59.5985, -2.3109, -29.9871

Details

The Hex color **7BA3DB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DBB37B**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B3DAFF**, and **4470A4** is the 20% darker color. If you saturate the color by 10%, you get **6596DB**, and if you desaturate by 10%, it is **91B0DB**.

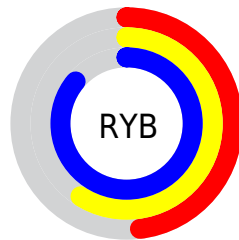
Distribution



Red (48%)

Green (64%)

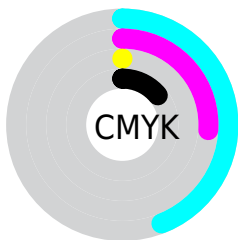
Blue (86%)



Red (48%)

Yellow (59%)

Blue (86%)

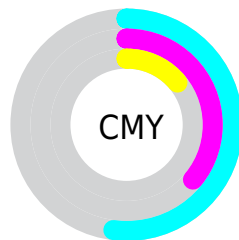


Cyan (44%)

Magenta (26%)

Yellow (0%)

Black (14%)



Cyan (52%)

Magenta (36%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BA3DB 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 7BA3DB by changing the saturation by 10% instead.

 7BA3DB

 7BA3DB

FFFFFF

 5F89BF

 B3DAFF

 4470A4

 D0F6FF

 265789

 EDFFFF

 004070

 002B57

 00163F

 000329

 000113

 000000

 7BA3DB

 7BA3DB

 6596DB

 91B0DB

 4F89DB

 A7BDDB

 397DDB

 BDC9DB

 2370DB

 D3D6DB

 0D63DB

 E9E3DB

 005BDB

 FEF0DB

 FFFCDB

 FFFFDB

Harmonies

Analogous

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



4DABD4



7BA3DB



A799D3

Triad

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



7BA3DB



D98D83



71AE84

Complementary

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



7BA3DB



DBB37B

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.



94A86E



7BA3DB



CB956E

Square

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



7BA3DB



D98AA0



B3A066



4EB1A2

Rectangle

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



7BA3DB



BE92C5



B3A066



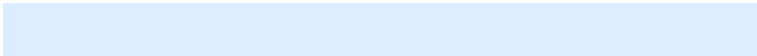
7DAD7C

Sweetspot

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



7BA3DB



DEECFF



7BDBB3



6B7480



000000



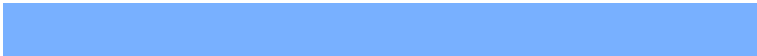
808080

Same Dimension

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



7BA3DB



78B0FF



837BDB



63676E



0048AD



00132E

Inverse Universe

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



DB7BA3



FF78B0



D3DB7B



6E6367



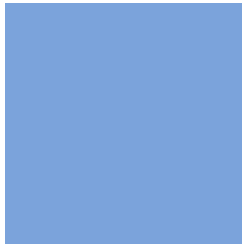
AD0048



2E0013

Previews

White Background



This preview shows how the Hex color 7BA3DB looks on a white background.

Color Contrast Check

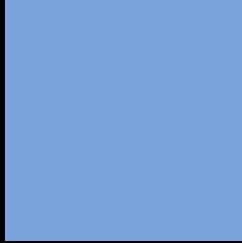
Large Text (above 18pt) WCAG AA × Fail

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 7BA3DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

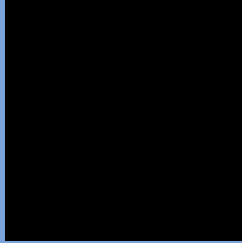
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

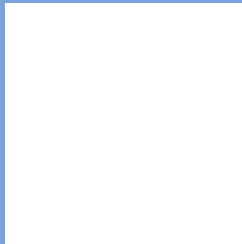
Any Text WCAG AAA ✓ Pass

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

Hex 7BA3DB Background



This preview shows how black text looks on a background with the Hex color 7BA3DB.

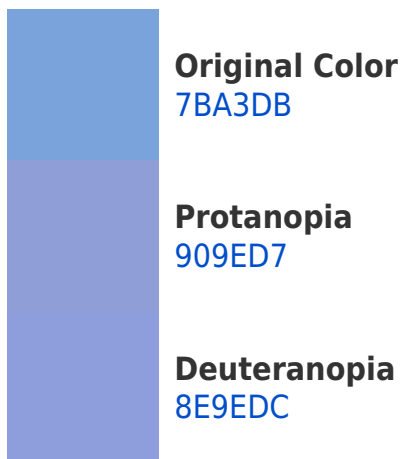


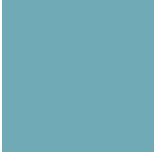
This preview shows how white text looks on a background with the Hex color 7BA3DB.

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](#).

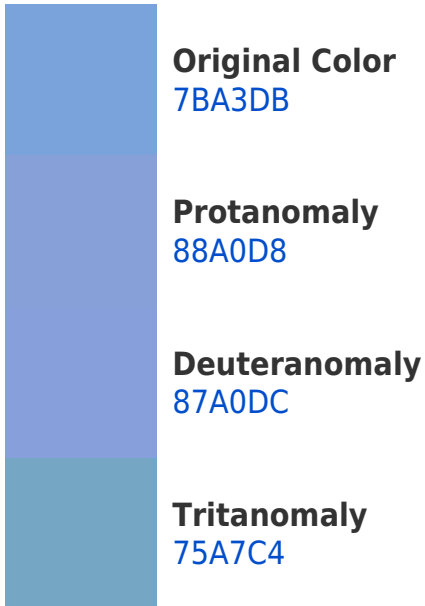
Dichromacy



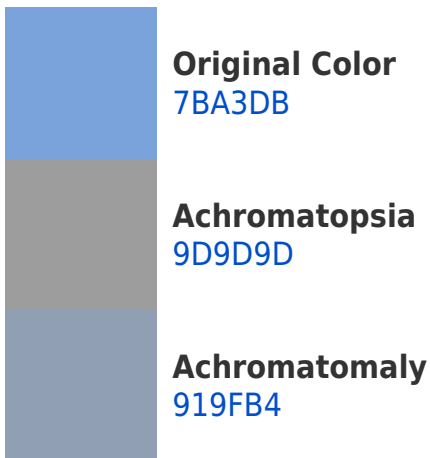


Tritanopia
71AAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BA3DB 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 #7BA3DB looks like.

```
.text, #text, p{  
    color:#7BA3DB  
}
```

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 #7BA3DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BA3DB
}
```

Border

The CSS property to change the border of an element to Hex 7BA3DB 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
#7BA3DB }
```

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

```
.border{ border-color:#7BA3DB }
```

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

Here you see how a box with a 4 pixel #7BA3DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BA3DB; -webkit-box-shadow:4px 4px  
4px 4px #7BA3DB; box-shadow:4px 4px 4px  
4px #7BA3DB }
```

Background

The CSS property to change the background color of an element to Hex 7BA3DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BA3DB }
```

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

```
.background{ background-color:#7BA3DB }
```

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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