

Converting Colors

Hex(7FB9DB)

Have a look what the booklet for
Hex(7FB9DB) contains.

Hex(7FB9DB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7FB9DB)

Conversions

Conversions Part 1

Format	Color
Hex	7FB9DB
RGB	127, 185, 219
RGB Percent	50%, 73%, 86%
CMY	0.5020, 0.2745, 0.1412
CMYK	0.42, 0.16, 0.00, 0.14
HSL	202°, 56%, 68%
HSV	202°, 42%, 86%
XYZ	38.8875, 44.3244, 73.5237
YIQ	171.5340, -45.4820, -1.7220

Conversions

Conversions Part 2

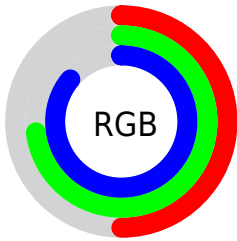
Format	Color
RYB	127, 163, 219
Decimal	8370651
CIELab	72.44, -10.04, -22.97
CIELCh	72, 25.070, 246.393
Yxy	44.3244, 0.2481, 0.2828
Android (android.graphics.Color)	4286560731 (0xFF7FB9DB)
YUV	171.5340, 23.4007, -39.0563
Hunter-Lab	66.5766, -12.2468, -18.8732

Details

The Hex color **7FB9DB** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **DBA17F**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **B7F1FF**, and **4884A4** is the 20% darker color. If you saturate the color by 10%, you get **69B1DB**, and if you desaturate by 10%, it is **95C1DB**.

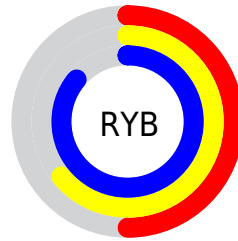
Distribution



Red (50%)

Green (73%)

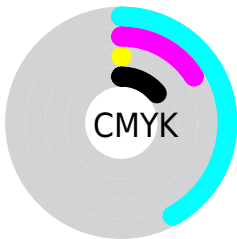
Blue (86%)



Red (50%)

Yellow (64%)

Blue (86%)

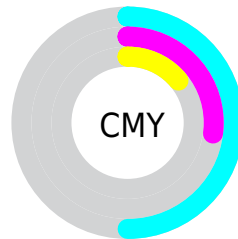


Cyan (42%)

Magenta (16%)

Yellow (0%)

Black (14%)



Cyan (50%)

Magenta (27%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FB9DB 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 7FB9DB by changing the saturation by 10% instead.

 7FB9DB

 7FB9DB

FFFFFF

 639EBF

 B7F1FF

 4884A4

 D4FFFF

 2A6B8A

 F1FFFF

 005370

 003C58

 002640

 00122A

 000115

 000000

 7FB9DB

 7FB9DB

 69B1DB

 95C1DB

 53A9DB

 ABC9DB

 3DA1DB

 C1D1DB

 2799DB

 D7D9DB

 1291DB

 ECE1DB

 008ADB

 FFEADB

 FFF2DB

 FFFADB

 FFFFDB

Harmonies

Analogous

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



6FBDCC



7FB9DB



9DB2DF

Triad

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



7FB9DB



E0A1AE



A4B98C

Complementary

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



7FB9DB



DBA17F

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.



BEB284



7FB9DB



DFA498

Square

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



7FB9DB



D3A4C5



D2AA88



8ABD9F

Rectangle

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



7FB9DB



B2ADDB



D2AA88



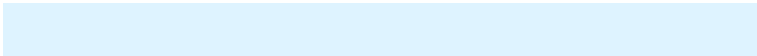
ADB688

Sweetspot

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



7FB9DB



DEF3FF



7FDBA1



6B7880



000000



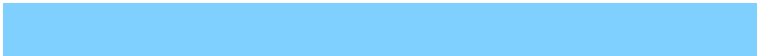
808080

Same Dimension

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



7FB9DB



80D0FF



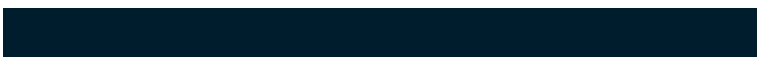
7F8BDB



636A6E



006DAD



001D2E

Inverse Universe

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



DB7FB9



FF80D0



DBC7F7



6E636A



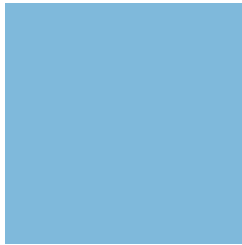
AD006D



2E001D

Previews

White Background



This preview shows how the Hex color 7FB9DB looks on a white background.

Color Contrast Check

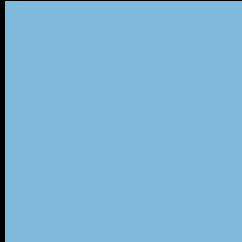
Large Text (above 18pt) WCAG AA × Fail

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 7FB9DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

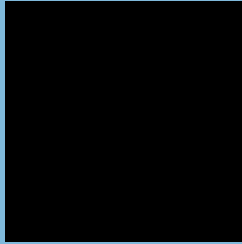
Any Text WCAG AA ✓ Pass

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 7FB9DB Background



This preview shows how black text looks on a background with the Hex color 7FB9DB.

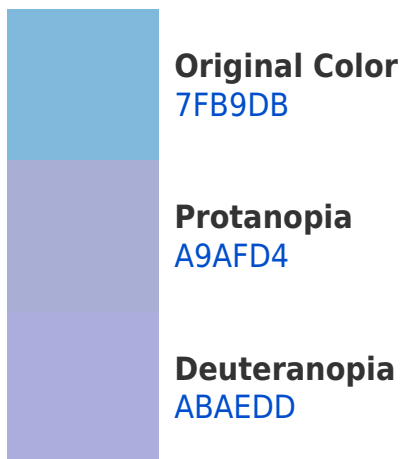


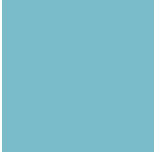
This preview shows how white text looks on a background with the Hex color 7FB9DB.

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](#).

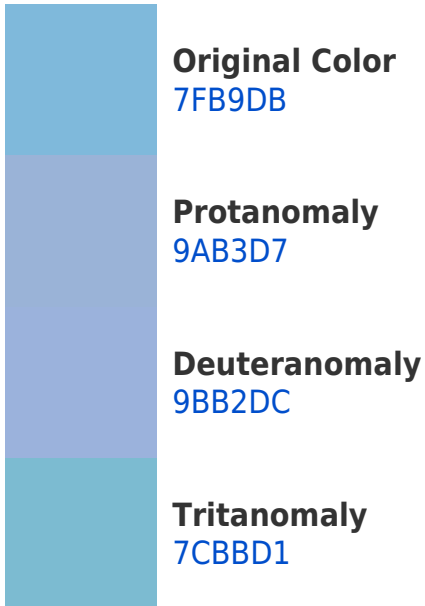
Dichromacy



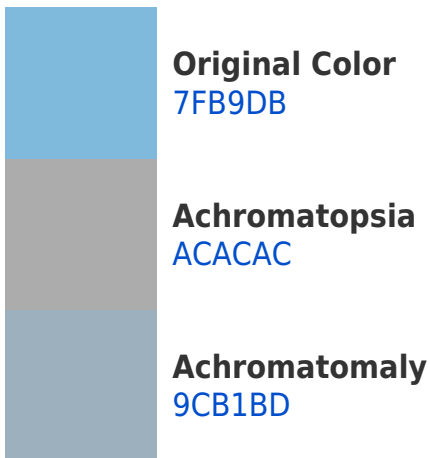


Tritanopia
7BBCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FB9DB 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 #7FB9DB looks like.

```
.text, #text, p{  
    color:#7FB9DB  
}
```

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 #7FB9DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FB9DB
}
```

Border

The CSS property to change the border of an element to Hex 7FB9DB 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
#7FB9DB }
```

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

```
.border{ border-color:#7FB9DB }
```

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

Here you see how a box with a 4 pixel #7FB9DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FB9DB; -webkit-box-shadow:4px 4px  
4px 4px #7FB9DB; box-shadow:4px 4px 4px  
4px #7FB9DB }
```

Background

The CSS property to change the background color of an element to Hex 7FB9DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FB9DB }
```

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

```
.background{ background-color:#7FB9DB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor