

Converting Colors

Hex(7FB6D8)

Have a look what the booklet for
Hex(7FB6D8) contains.

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Color

Hex(7FB6D8)

Conversions

Conversions Part 1

Format	Color
Hex	7FB6D8
RGB	127, 182, 216
RGB Percent	50%, 71%, 85%
CMY	0.5020, 0.2863, 0.1529
CMYK	0.41, 0.16, 0.00, 0.15
HSL	203°, 53%, 67%
HSV	203°, 41%, 85%
XYZ	37.8750, 42.9258, 71.2550
YIQ	169.4310, -43.6940, -1.0860

Conversions

Conversions Part 2

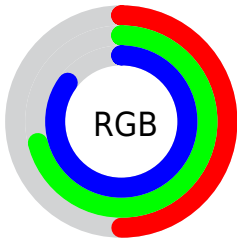
Format	Color
R_{YB}	127, 161, 216
Decimal	8369880
CIE _{Lab}	71.50, -9.24, -22.77
CIE _{LCh}	72, 24.572, 247.919
Yxy	42.9258, 0.2491, 0.2823
Android (android.graphics.Color)	4286559960 (0xFF7FB6D8)
YUV	169.4310, 22.9585, -37.2120
Hunter-Lab	65.5178, -11.4675, -18.6195

Details

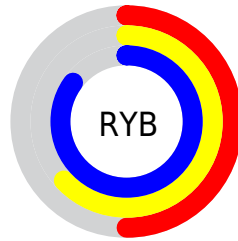
The Hex color **7FB6D8** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **D8A17F**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **B7EEFF**, and **4881A1** is the 20% darker color. If you saturate the color by 10%, you get **69AED8**, and if you desaturate by 10%, it is **95BED8**.

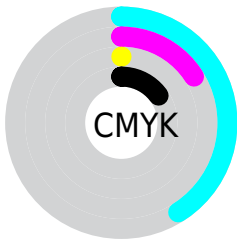
Distribution



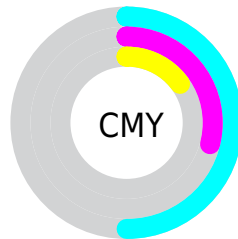
- Red (50%)
- Green (71%)
- Blue (85%)



- Red (50%)
- Yellow (63%)
- Blue (85%)



- Cyan (41%)
- Magenta (16%)
- Yellow (0%)
- Black (15%)



- Cyan (50%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FB6D8 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 7FB6D8 by changing the saturation by 10% instead.

 7FB6D8

 7FB6D8

FFFFFF

 649BBC

 B7EEFF

 4881A1

 D4FFFF

 2B6887

 F1FFFF

 03506D

 003955

 00243E

 000D28

 000112

 000000

 7FB6D8

 7FB6D8

 69AED8

 95BED8

 54A5D8

 AAC7D8

 3E9DD8

 C0CFD8

 2995D8

 D5D7D8

 138DD8

 EBD8D8

 0085D8

 FFE8D8

 FFF0D8

 FFF8D8

 FFFF8D

Harmonies

Analogous

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



6FBACA



7FB6D8



9CAFDB

Triad

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



7FB6D8



DC9FAA



A1B68B

Complementary

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



7FB6D8



D8A17F

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.



BAB083



7FB6D8



DBA295

Square

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



7FB6D8



D1A1C0



CEA886



87BA9E

Rectangle

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



7FB6D8



B1AAD7



CEA886



A9B487

Sweetspot

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



7FB6D8



E0F3FF



7FD8A0



6E7980



000000



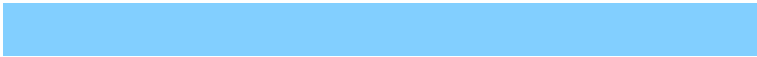
808080

Same Dimension

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



7FB6D8



82CFFF



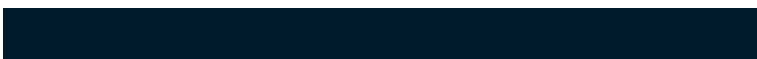
7F8BD8



60676B



006AAB



001B2B

Inverse Universe

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



D87FB6



FF82CF



D8CC7F



6B6067



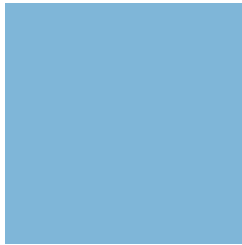
AB006A



2B001B

Previews

White Background



This preview shows how the Hex color 7FB6D8 looks on a white background.

Color Contrast Check

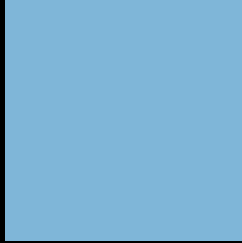
Large Text (above 18pt) WCAG AA × Fail

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 7FB6D8 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 7FB6D8 Background



This preview shows how black text looks on a background with the Hex color 7FB6D8.

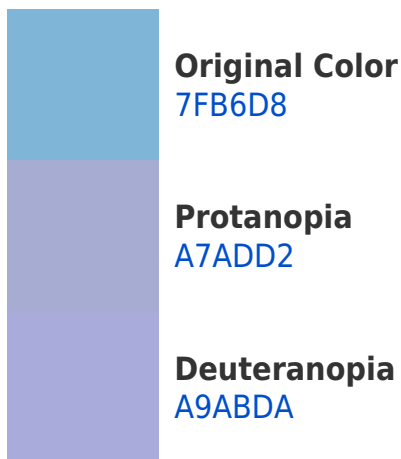


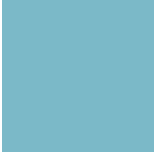
This preview shows how white text looks on a background with the Hex color 7FB6D8.

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



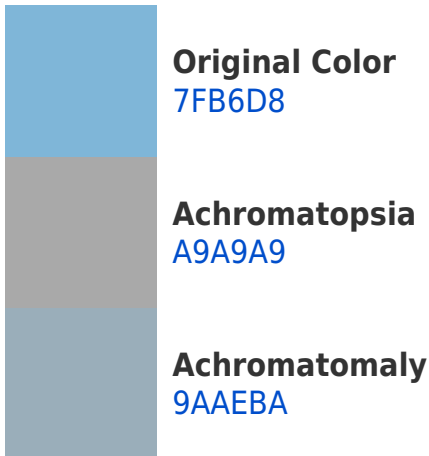


Tritanopia
7BB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FB6D8 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 #7FB6D8 looks like.

```
.text, #text, p{  
    color:#7FB6D8  
}
```

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 #7FB6D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FB6D8
}
```

Border

The CSS property to change the border of an element to Hex 7FB6D8 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
#7FB6D8 }
```

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

```
.border{ border-color:#7FB6D8 }
```

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

Here you see how a box with a 4 pixel #7FB6D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FB6D8; -webkit-box-shadow:4px 4px  
4px 4px #7FB6D8; box-shadow:4px 4px 4px  
4px #7FB6D8 }
```

Background

The CSS property to change the background color of an element to Hex 7FB6D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FB6D8 }
```

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

```
.background{ background-color:#7FB6D8 }
```

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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