

# Converting Colors

Hex(7FBCE9)

Have a look what the booklet for  
Hex(7FBCE9) contains.

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# **Color**

**Hex(7FBCE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FBCE9
RGB	127, 188, 233
RGB Percent	50%, 74%, 91%
CMY	0.5020, 0.2627, 0.0863
CMYK	0.45, 0.19, 0.00, 0.09
HSL	205°, 71%, 71%
HSV	205°, 45%, 91%
XYZ	41.4436, 46.3617, 83.8552
YIQ	174.8910, -50.8010, 1.0630

# Conversions

## Conversions Part 2

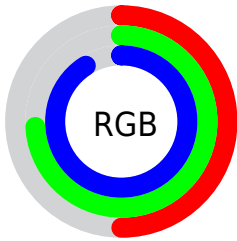
Format	Color
<a href="#">RYB</a>	<a href="#">127, 166, 233</a>
Decimal	<a href="#">8371433</a>
CIELab	<a href="#">73.78, -7.83, -28.53</a>
CIELCh	<a href="#">74, 29.587, 254.650</a>
Yxy	<a href="#">46.3617, 0.2414, 0.2701</a>
Android (android.graphics.Color)	<a href="#">4286561513 (0xFF7FBCE9)</a>
YUV	<a href="#">174.8910, 28.6477, -42.0004</a>
Hunter-Lab	<a href="#">68.0894, -10.5098, -25.3557</a>

# Details

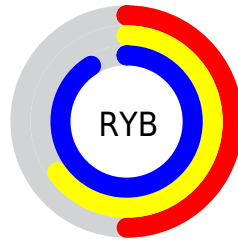
The Hex color **7FBCE9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E9AC7F**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **B8F4FF**, and **4687B1** is the 20% darker color. If you saturate the color by 10%, you get **68B2E9**, and if you desaturate by 10%, it is **96C6E9**.

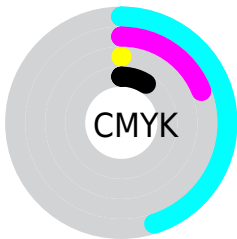
# Distribution



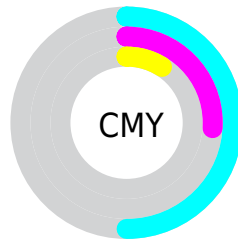
- Red (50%)
- Green (74%)
- Blue (91%)



- Red (50%)
- Yellow (65%)
- Blue (91%)



- Cyan (45%)
- Magenta (19%)
- Yellow (0%)
- Black (9%)



- Cyan (50%)
- Magenta (26%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FBCE9 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 7FBCE9 by changing the saturation by 10% instead.



■ 7FBCE9

■ 7FBCE9

FFFFFF

■ 63A1CD

■ B8F4FF

■ 4687B1

■ D5FFFF

■ 266E96

■ F3FFFF

■ 00557C

■ 003E63

■ 00294B

■ 001434

■ 00021F

■ 000001

7FBCE9

7FBCE9

68B2E9

96C6E9

50A8E9

AED0E9

399EE9

C5DAE9

2294E9

DCE4E9

0B8BE9

F4EDE9

0086E9

FFF7E9

FFFE9

# Harmonies

## Analogous

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



64C2DB



7FBCE9



A6B3EA

# Triad

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



7FBCE9



ECA1A9



9DBF8E

# Complementary

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



7FBCE9



E9AC7F

# 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.



BBB880



7FBCE9



E7A690

# Square

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



7FBCE9



E2A3C4



D5AF81



7DC3A6

# Rectangle

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



7FBCE9



BFADE2



D5AF81



A7BD88

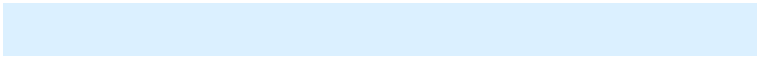


# Sweetspot

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



7FBCE9



DBF0FF



7FE9AB



6A7680



000000



808080

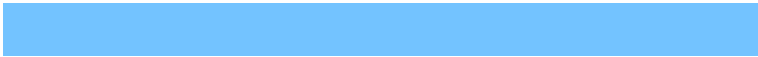


# Same Dimension

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



7FBCE9



73C3FF



7F88E9



6A7075



0068B5



001F36



# Inverse Universe

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



E97FBC



FF73C3



E9E07F



756A70



B50068

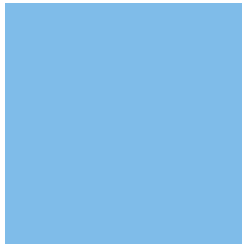


36001F



# Previews

## White Background



This preview shows how the Hex color 7FBCE9 looks on a white background.

## Color Contrast Check

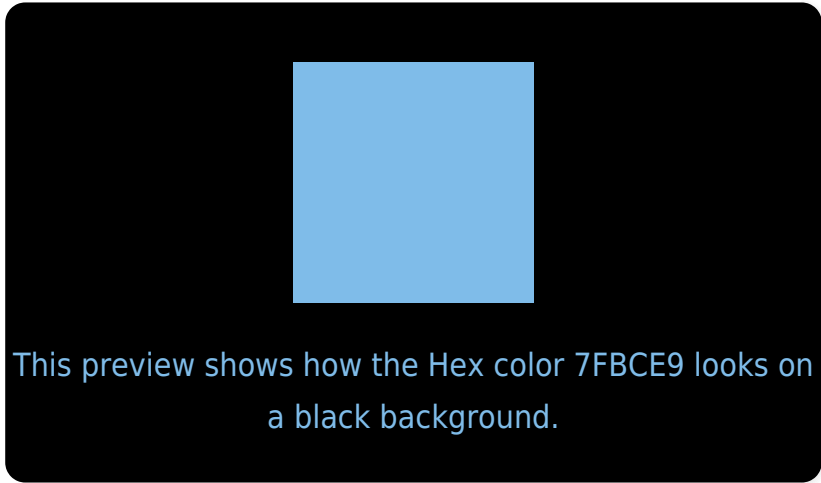
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

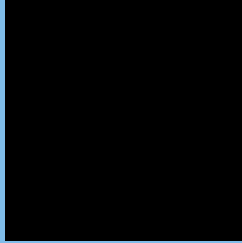
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7FBCE9 Background



This preview shows how black text looks on a background with the Hex color 7FBCE9.

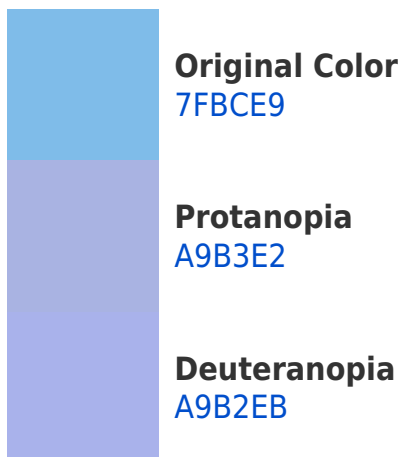


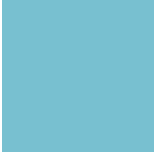
This preview shows how white text looks on a background with the Hex color 7FBCE9.

# 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



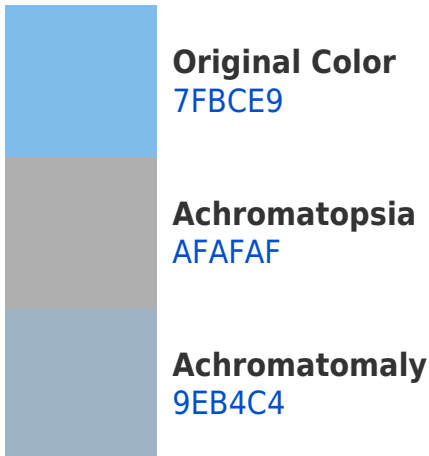


**Tritanopia**  
78C0D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FBCE9 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 #7FBCE9 looks like.

```
.text, #text, p{  
    color:#7FBCE9  
}
```

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 #7FBCE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FBCE9
}
```

## Border

The CSS property to change the border of an element to Hex 7FBCE9 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
#7FBCE9 }
```

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

```
.border{ border-color:#7FBCE9 }
```

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

Here you see how a box with a 4 pixel #7FBCE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FBCE9; -webkit-box-shadow:4px 4px  
4px 4px #7FBCE9; box-shadow:4px 4px 4px  
4px #7FBCE9 }
```

# Background

The CSS property to change the background color of an element to Hex 7FBCE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FBCE9 }
```

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

```
.background{ background-color:#7FBCE9 }
```

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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