

# Converting Colors

Hex(7BC3FF)

Have a look what the booklet for  
Hex(7BC3FF) contains.

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# **Color**

**Hex(7BC3FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BC3FF
RGB	123, 195, 255
RGB Percent	48%, 76%, 100%
CMY	0.5176, 0.2353, 0.0000
CMYK	0.52, 0.24, 0.00, 0.00
HSL	207°, 100%, 74%
HSV	207°, 52%, 100%
XYZ	45.7335, 50.4612, 101.9373
YIQ	180.3120, -62.1720, 3.3960

# Conversions

## Conversions Part 2

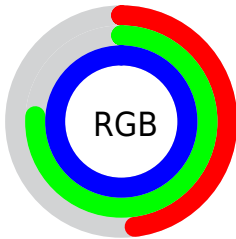
Format	Color
R <sub>Y</sub> B	123, 170, 255
Decimal	8111103
CIE Lab	76.35, -6.26, -36.43
CIE LCh	76, 36.961, 260.245
Yxy	50.4612, 0.2308, 0.2547
Android (android.graphics.Color)	4286301183 (0xFF7BC3FF)
YUV	180.3120, 36.8212, -50.2626
Hunter-Lab	71.0360, -9.3935, -35.3564

# Details

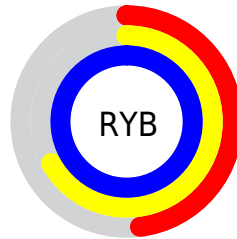
The Hex color **7BC3FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFB77B**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **B6FBFF**, and **3D8EC6** is the 20% darker color. If you saturate the color by 10%, you get **62B7FF**, and if you desaturate by 10%, it is **95CFFF**.

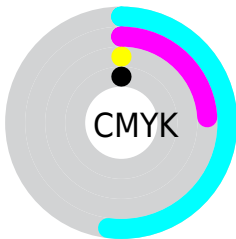
# Distribution



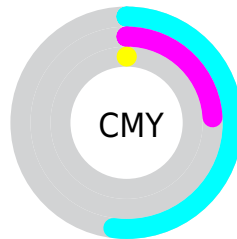
- Red (48%)
- Green (76%)
- Blue (100%)



- Red (48%)
- Yellow (67%)
- Blue (100%)



- Cyan (52%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (52%)
- Magenta (24%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BC3FF 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 7BC3FF by changing the saturation by 10% instead.



 7BC3FF

 7BC3FF

FFFFFF

 5DA8E2

 B6FBFF

 3D8EC6

 D4FFFF

 0F74AB

 F2FFFF

 005C90

 004476

 002E5D

 001A45

 00042E

 000119

 7BC3FF

 7BC3FF

 62B7FF

 95CFFF

 48ACFF

 AEDAFF

 2FA0FF

 C8E6FF

 1595FF

 E1F1FF

 008BFF

 FBFDFD

FFFFFF

# Harmonies

## Analogous

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



4BCBF0



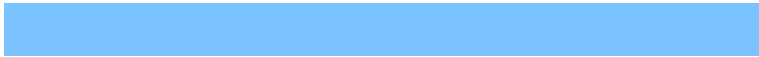
7BC3FF



B1B8FC

# Triad

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



7BC3FF



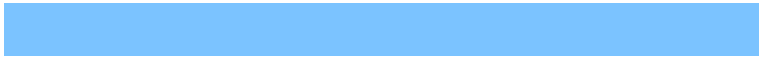
FFA3A6



95CA90

# Complementary

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



7BC3FF



FFB77B

# 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.



BCC17B



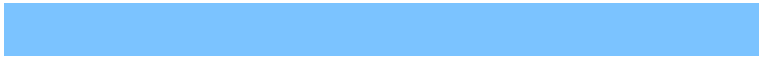
7BC3FF



F6AB89

# Square

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



7BC3FF



F8A3C9



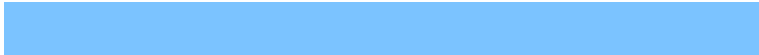
DEB679



6BCEB0

# Rectangle

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



7BC3FF



D0AFF1



DEB679

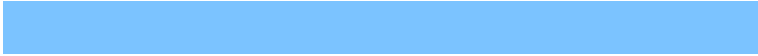


A2C787

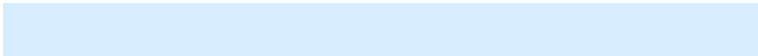


# Sweetspot

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



7BC3FF



D6ECFF



7BFFB6



677480



000000



808080



# Same Dimension

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



7BC3FF



61B7FF



7B82FF



737A80



0068BF



002340



# Inverse Universe

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



FF7BC3



FF61B7



FFF87B



80737A



BF0068



400023



# Previews

## White Background



This preview shows how the Hex color 7BC3FF looks on a white background.

## Color Contrast Check

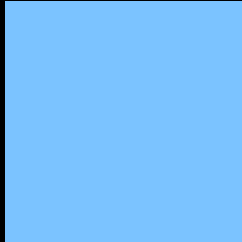
Large Text (above 18pt) WCAG AA × Fail

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 7BC3FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

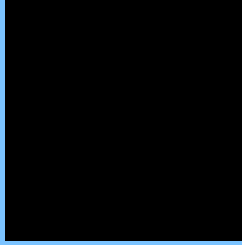
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

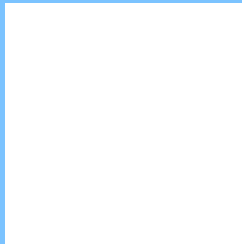
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7BC3FF Background



This preview shows how black text looks on a background with the Hex color 7BC3FF.

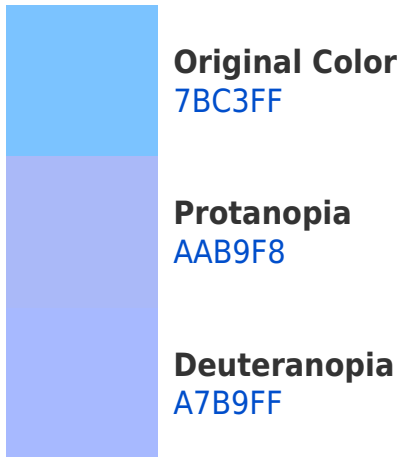


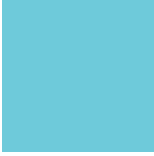
This preview shows how white text looks on a background with the Hex color 7BC3FF.

# Color Blindness Simulation

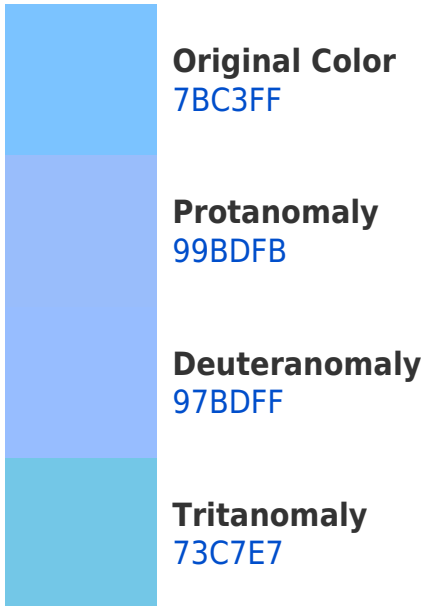
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BC3FF 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 #7BC3FF looks like.

```
.text, #text, p{  
    color:#7BC3FF  
}
```

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 #7BC3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BC3FF
}
```

## Border

The CSS property to change the border of an element to Hex 7BC3FF 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
#7BC3FF }
```

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

```
.border{ border-color:#7BC3FF }
```

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

Here you see how a box with a 4 pixel #7BC3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BC3FF; -webkit-box-shadow:4px 4px  
4px 4px #7BC3FF; box-shadow:4px 4px 4px  
4px #7BC3FF }
```

# Background

The CSS property to change the background color of an element to Hex 7BC3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BC3FF }
```

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

```
.background{ background-color:#7BC3FF }
```

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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