

# Converting Colors

Hex(7DC3FF)

Have a look what the booklet for  
Hex(7DC3FF) contains.

|  |    |
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# **Color**

**Hex(7DC3FF)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 7DC3FF                     |
| RGB         | 125, 195, 255              |
| RGB Percent | 49%, 76%, 100%             |
| CMY         | 0.5098, 0.2353, 0.0000     |
| CMYK        | 0.51, 0.24, 0.00, 0.00     |
| HSL         | 208°, 100%, 75%            |
| HSV         | 208°, 51%, 100%            |
| XYZ         | 46.0226, 50.6102, 101.9508 |
| YIQ         | 180.9100, -60.9800, 3.8200 |

# Conversions

## Conversions Part 2

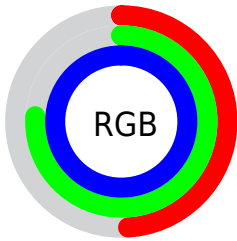
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 125, 171, 255                  |
| Decimal                             | 8242175                        |
| CIE Lab                             | 76.44, -5.83, -36.28           |
| CIE LCh                             | 76, 36.744, 260.870            |
| Yxy                                 | 50.6102, 0.2318,<br>0.2549     |
| Android<br>(android.graphics.Color) | 4286432255<br>(0xFF7DC3FF)     |
| YUV                                 | 180.9100, 36.5264,<br>-49.0331 |
| Hunter-Lab                          | 71.1408, -9.0209,<br>-35.1690  |

# Details

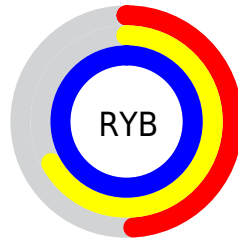
The Hex color **7DC3FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFB97D**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **B8FBFF**, and **3F8EC6** is the 20% darker color. If you saturate the color by 10%, you get **64B7FF**, and if you desaturate by 10%, it is **97CFFF**.

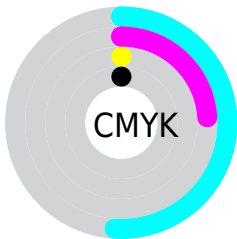
# Distribution



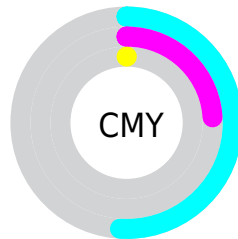
- Red (49%)
- Green (76%)
- Blue (100%)



- Red (49%)
- Yellow (67%)
- Blue (100%)



- Cyan (51%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (24%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7DC3FF 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 7DC3FF by changing the saturation by 10% instead.



 7DC3FF

 7DC3FF

FFFFFF

 5FA8E2

 B8FBFF

 3F8EC6

 D5FFFF

 1574AB

 F3FFFF

 005C90

 004476

 002E5D

 001A45

 00042E

 000119

 7DC3FF

 7DC3FF

 64B7FF

 97CFFF

 4AABFF

 B0DBFF

 31A0FF

 CAE6FF

 1794FF

 E3F2FF

 0089FF

 FDFEFF

 FFFFFFFF

# Harmonies

## Analogous

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



4DCBF0



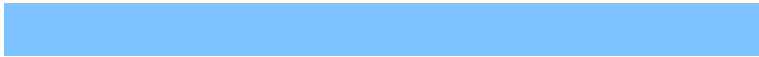
7DC3FF



B2B8FC

# Triad

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



7DC3FF



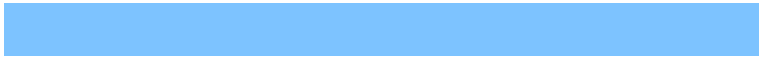
FFA4A6



94CA91

# Complementary

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



7DC3FF



FFB97D

# 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.



BBC27C



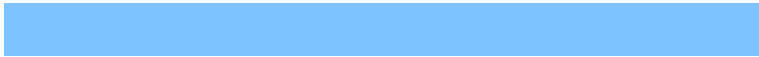
7DC3FF



F5AB89

# Square

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



7DC3FF



F8A4C8



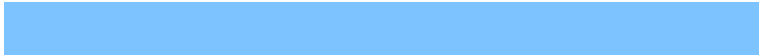
DDB77A



6BCEB1

# Rectangle

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



7DC3FF



D1AFF0



DDB77A

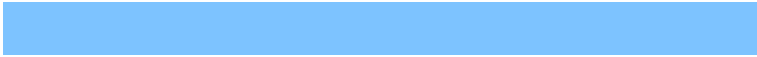


A2C888

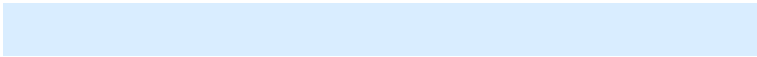


# Sweetspot

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



7DC3FF



D9EDFF



7DFFB8



697580



000000

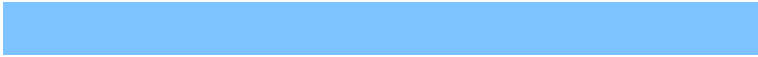


808080

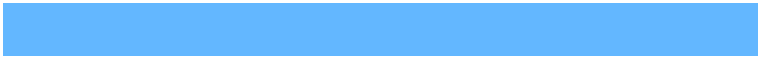


# Same Dimension

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



7DC3FF



63B7FF



7D84FF



737A80



0067BF



002240



# Inverse Universe

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



FF7DC3



FF63B7



FFF97D



80737A



BF0067

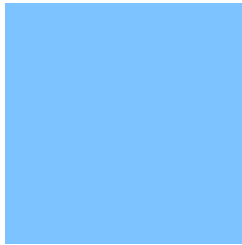


400022



# Previews

## White Background



This preview shows how the Hex color 7DC3FF looks on a white background.

## Color Contrast Check

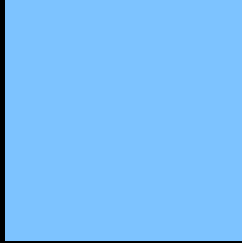
Large Text (above 18pt) WCAG AA × Fail

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 7DC3FF 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

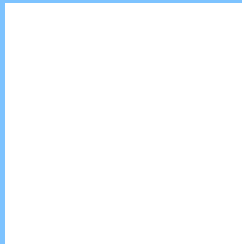
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7DC3FF Background



This preview shows how black text looks on a background with the Hex color 7DC3FF.

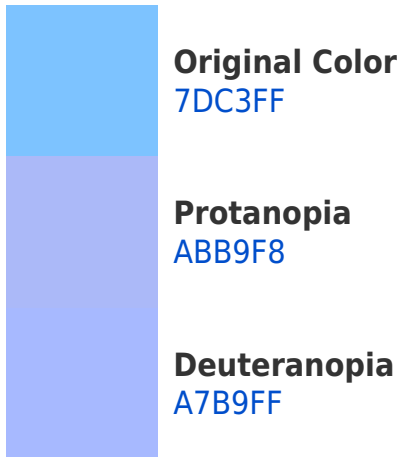


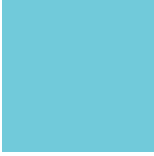
This preview shows how white text looks on a background with the Hex color 7DC3FF.

# Color Blindness Simulation

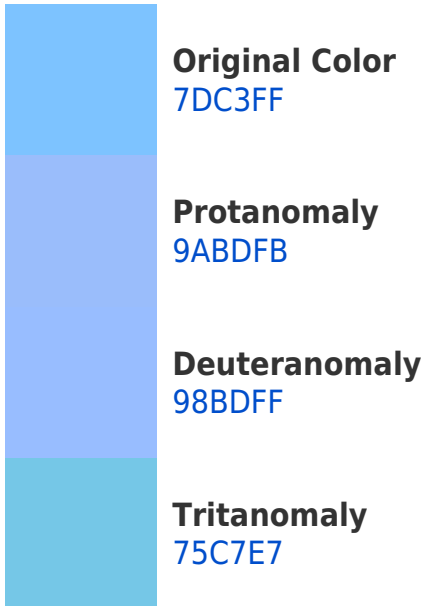
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

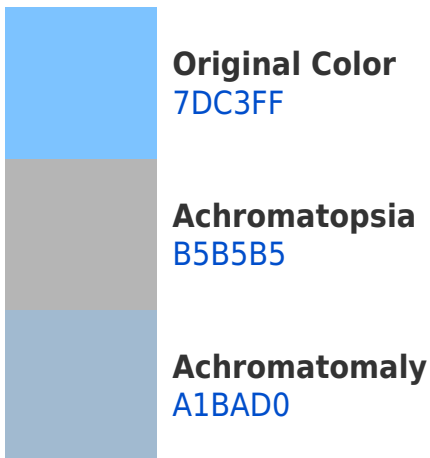




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7DC3FF 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 #7DC3FF looks like.

```
.text, #text, p{  
    color:#7DC3FF  
}
```

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 #7DC3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DC3FF
}
```

## Border

The CSS property to change the border of an element to Hex 7DC3FF 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
#7DC3FF }
```

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

```
.border{ border-color:#7DC3FF }
```

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

Here you see how a box with a 4 pixel #7DC3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DC3FF; -webkit-box-shadow:4px 4px  
4px 4px #7DC3FF; box-shadow:4px 4px 4px  
4px #7DC3FF }
```

# Background

The CSS property to change the background color of an element to Hex 7DC3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DC3FF }
```

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

```
.background{ background-color:#7DC3FF }
```

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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