

# Converting Colors

Hex(7DCBFF)

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

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# **Color**

**Hex(7DCBFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DCBFF
RGB	125, 203, 255
RGB Percent	49%, 80%, 100%
CMY	0.5098, 0.2039, 0.0000
CMYK	0.51, 0.20, 0.00, 0.00
HSL	204°, 100%, 75%
HSV	204°, 51%, 100%
XYZ	47.8634, 54.2918, 102.5644
YIQ	185.6060, -63.1800, -0.3640

# Conversions

## Conversions Part 2

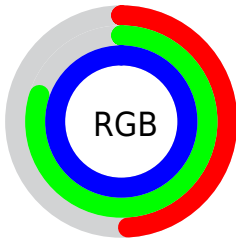
<b>Format</b>	<b>Color</b>
<b>RYB</b>	125, 174, 255
Decimal	8244223
CIELab	78.63, -10.10, -32.90
CIELCh	79, 34.412, 252.931
Yxy	54.2918, 0.2338, 0.2652
Android (android.graphics.Color)	4286434303 (0xFF7DCBFF)
YUV	185.6060, 34.2112, -53.1515
Hunter-Lab	73.6830, -12.9943, -30.9517

# Details

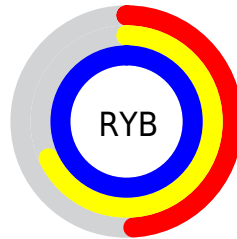
The Hex color **7DCBFF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFB17D**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **B8FFFF**, and **3F95C6** is the 20% darker color. If you saturate the color by 10%, you get **64C1FF**, and if you desaturate by 10%, it is **97D5FF**.

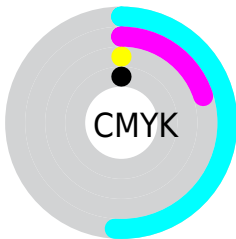
# Distribution



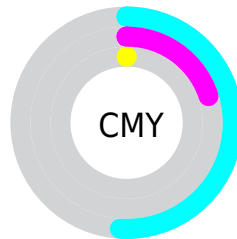
- Red (49%)
- Green (80%)
- Blue (100%)



- Red (49%)
- Yellow (68%)
- Blue (100%)



- Cyan (51%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (20%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 7DCBFF

 7DCBFF

FFFFFF

 5FB0E2

 B8FFFF

 3F95C6

 D6FFFF

 147BAB


 F4FFFF

 006290

 004B76

 00345D

 001F45

 00042F

 000119

 7DCBFF

 7DCBFF

 64C1FF

 97D5FF

 4AB7FF

 B0DFFF

 31ACFF

 CAEAFF

 17A2FF

 E3F4FF

 0099FF

 FDFEFF

 FFFFFFFF

# Harmonies

## Analogous

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



5BD2ED



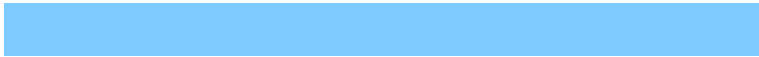
7DCBFF



ADC1FF

# Triad

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



7DCBFF



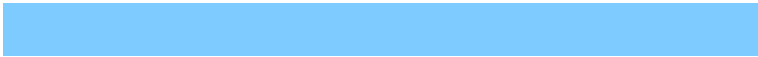
FFABB6



A7CE93

# Complementary

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



7DCBFF



FFB17D

# 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.



CBC584



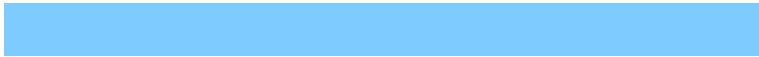
7DCBFF



FDB098

# Square

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



7DCBFF



F6ADD6



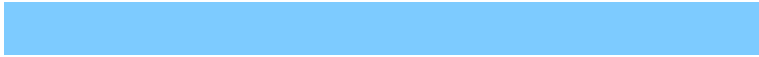
E9BA86



82D3AF

# Rectangle

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



7DCBFF



CBB9F8



E9BA86

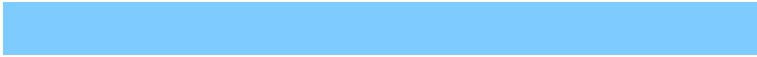


B4CB8C

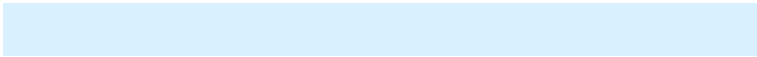


# Sweetspot

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



7DCBFF



D9F0FF



7DFFB1



697680



000000

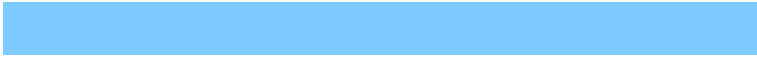


808080

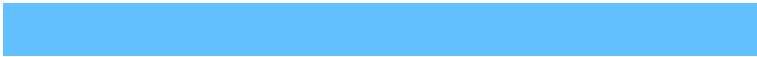


# Same Dimension

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



7DCBFF



63C1FF



7D8AFF



737A80



0073BF



002640



# Inverse Universe

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



FF7DCB



FF63C1



FFF27D



80737A



BF0073

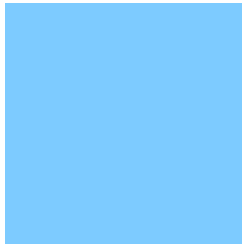


400026



# Previews

## White Background



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

## Color Contrast Check

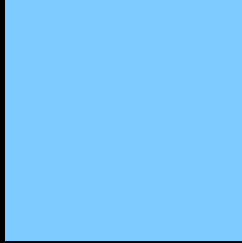
Large Text (above 18pt) WCAG AA × Fail

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 7DCBFF 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

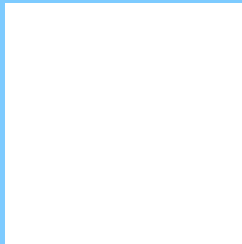
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7DCBFF Background



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



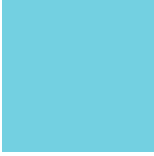
This preview shows how white text looks on a background with the Hex color 7DCBFF.

# 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](#).

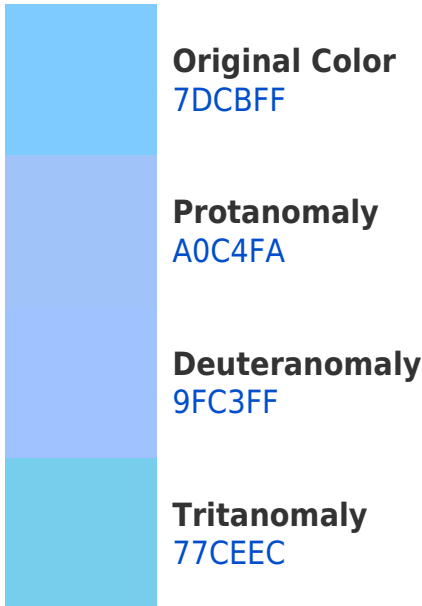
## Dichromacy



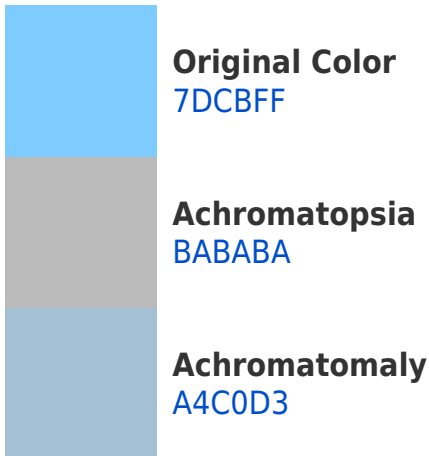


**Tritanopia**  
73D0E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #7DCBFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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