

Converting Colors

Hex(7CDBFF)

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

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Color

Hex(7CDBFF)

Conversions

Conversions Part 1

Format	Color
Hex	7CDBFF
RGB	124, 219, 255
RGB Percent	49%, 86%, 100%
CMY	0.5137, 0.1412, 0.0000
CMYK	0.51, 0.14, 0.00, 0.00
HSL	196°, 100%, 74%
HSV	196°, 51%, 100%
XYZ	51.6937, 62.1681, 103.8828
YIQ	194.6990, -68.1760, -8.9440

Conversions

Conversions Part 2

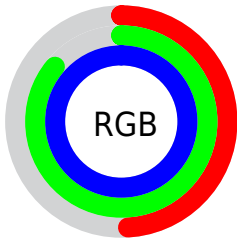
Format	Color
RYB	124, 179, 255
Decimal	8182783
CIELab	83.00, -18.60, -26.20
CIELCh	83, 32.129, 234.622
Yxy	62.1681, 0.2374, 0.2855
Android (android.graphics.Color)	4286372863 (0xFF7CDBFF)
YUV	194.6990, 29.7284, -62.0030
Hunter-Lab	78.8468, -20.9533, -22.9235

Details

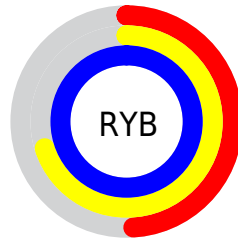
The Hex color **7CDBFF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFA07C**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **B8FFFF**, and **3CA4C6** is the 20% darker color. If you saturate the color by 10%, you get **63D4FF**, and if you desaturate by 10%, it is **96E2FF**.

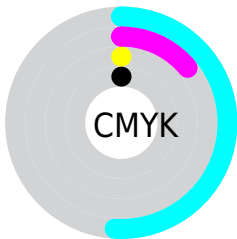
Distribution



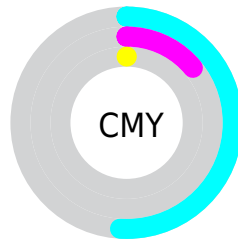
- Red (49%)
- Green (86%)
- Blue (100%)



- Red (49%)
- Yellow (70%)
- Blue (100%)



- Cyan (51%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 7CDBFF

 7CDBFF

FFFFFF

 5EBFE2

 B8FFFF

 3CA4C6

 D5FFFF

 0A8AAB

 F4FFFF

 007090

 005776

 00405E

 002A46

 00152F

 00011A

 7CDBFF

 7CDBFF

 63D4FF

 96E2FF

 49CDFF

 AFE9FF

 30C6FF

 C9F0FF

 16BFFF

 E2F7FF

 00B9FF

 FCFEFF

 FFFFFFFF

Harmonies

Analogous

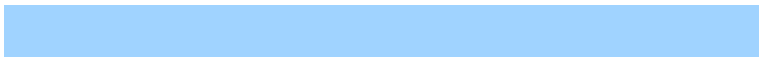
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72DFE7



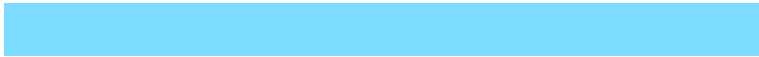
7CDBFF



A0D3FF

Triad

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



7CDBFF



FFB9D5



CAD497

Complementary

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



7CDBFF



FFA07C

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.



EACB93



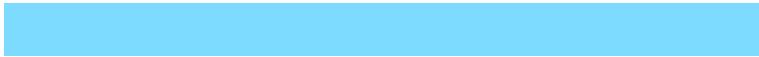
7CDBFF



FFBAB7

Square

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



7CDBFF



F0BFF2



FFC19F



A8DCAB

Rectangle

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



7CDBFF



BECCFF



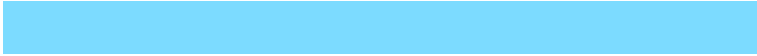
FFC19F



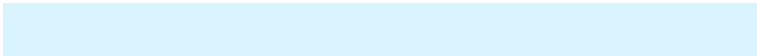
D5D194

Sweetspot

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



7CDBFF



D9F4FF



7CFF9F



697980



000000



808080

Same Dimension

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



7CDBFF



61D4FF



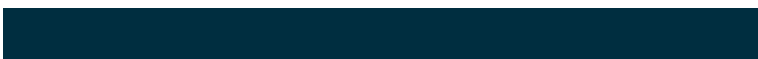
7C9BFF



737C80



008BBF



002E40

Inverse Universe

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



FF7CDB



FF61D4



FFE07C



80737C



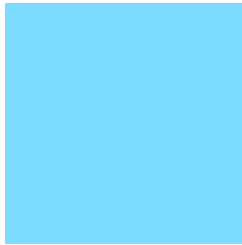
BF008B



40002E

Previews

White Background



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

Color Contrast Check

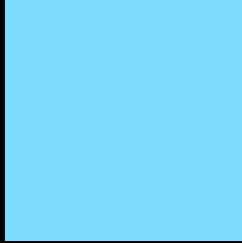
Large Text (above 18pt) WCAG AA × Fail

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 7CDBFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

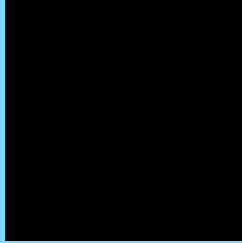
Any Text WCAG AA ✓ Pass

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 7CDBFF Background



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

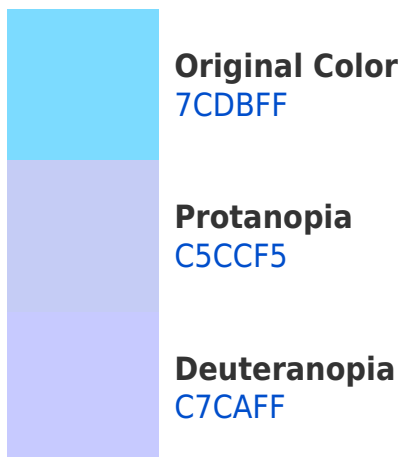


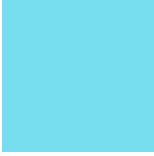
This preview shows how white text looks on a background with the Hex color 7CDBFF.

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
77DEF0

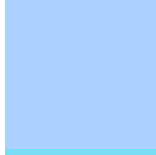
Trichromacy



Original Color
7CDBFF



Protanomaly
AAD1F9



Deuteranomaly
ACD0FF

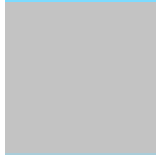


Tritanomaly
79DDF5

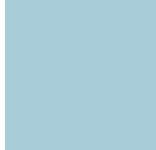
Monochromacy



Original Color
7CDBFF



Achromatopsia
C3C3C3



Achromatomaly
A9CCD9

CSS Examples

Text

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

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

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 #7CDBFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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