

Converting Colors

Hex(7BD8FF)

Have a look what the booklet for
Hex(7BD8FF) contains.

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Color

Hex(7BD8FF)

Conversions

Conversions Part 1

Format	Color
Hex	7BD8FF
RGB	123, 216, 255
RGB Percent	48%, 85%, 100%
CMY	0.5176, 0.1529, 0.0000
CMYK	0.52, 0.15, 0.00, 0.00
HSL	198°, 100%, 74%
HSV	198°, 52%, 100%
XYZ	50.7742, 60.5427, 103.6176
YIQ	192.6390, -67.9470, -7.5870

Conversions

Conversions Part 2

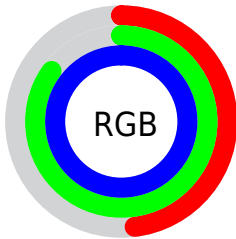
Format	Color
R _Y B	123, 178, 255
Decimal	8116479
CIE Lab	82.13, -17.28, -27.53
CIE LCh	82, 32.505, 237.878
Yxy	60.5427, 0.2362, 0.2817
Android (android.graphics.Color)	4286306559 (0xFF7BD8FF)
YUV	192.6390, 30.7440, -61.0734
Hunter-Lab	77.8092, -19.6862, -24.4894

Details

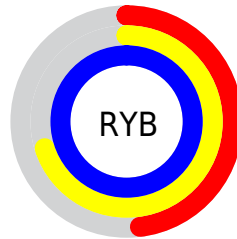
The Hex color **7BD8FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFA27B**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **B7FFFF**, and **3BA1C6** is the 20% darker color. If you saturate the color by 10%, you get **62D0FF**, and if you desaturate by 10%, it is **95E0FF**.

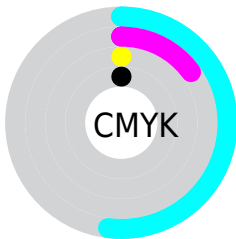
Distribution



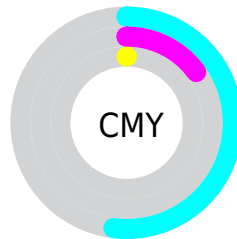
- Red (48%)
- Green (85%)
- Blue (100%)



- Red (48%)
- Yellow (70%)
- Blue (100%)



- Cyan (52%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (52%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BD8FF 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 7BD8FF by changing the saturation by 10% instead.

 7BD8FF

 7BD8FF

FFFFFF

 5CBCE2

 B7FFFF

 3BA1C6

 D4FFFF

 0687AB

 F3FFFF

 006D90

 005576

 003E5E

 002846

 00112F

 00011A

 7BD8FF

 7BD8FF

 62D0FF

 95E0FF

 48C9FF

 AEE7FF

 2FC1FF

 C8EFFF

 15BAFF

 E1F6FF

 00B4FF

 FBFEFF

 FFFFFFFF

Harmonies

Analogous

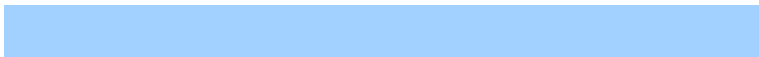
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6DDDE8



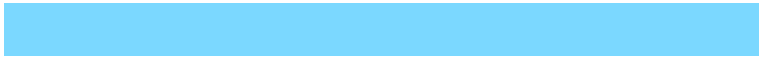
7BD8FF



A2D0FF

Triad

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



7BD8FF



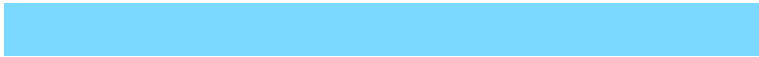
FFB6D0



C4D396

Complementary

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



7BD8FF



FFA27B

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.



E4CA8F



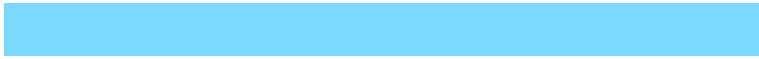
7BD8FF



FFB8B1

Square

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



7BD8FF



F1BBED



FDBF9A



A1DAAB

Rectangle

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



7BD8FF



C0C9FF



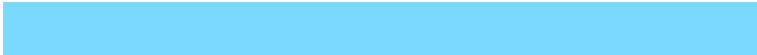
FDBF9A



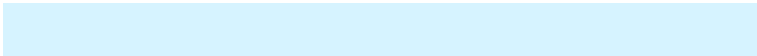
CFD092

Sweetspot

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



7BD8FF



D6F3FF



7BFFA0



677880



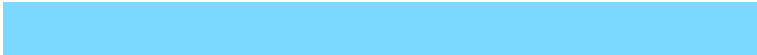
000000



808080

Same Dimension

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



7BD8FF



61D0FF



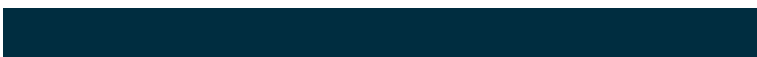
7B98FF



737C80



0087BF



002D40

Inverse Universe

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



FF7BD8



FF61D0



FFE27B



80737C



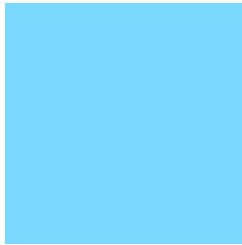
BF0087



40002D

Previews

White Background



This preview shows how the Hex color 7BD8FF looks on a white background.

Color Contrast Check

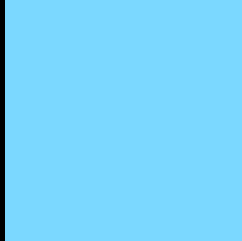
Large Text (above 18pt) WCAG AA × Fail

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 7BD8FF 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 7BD8FF Background



This preview shows how black text looks on a background with the Hex color 7BD8FF.



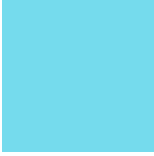
This preview shows how white text looks on a background with the Hex color 7BD8FF.

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



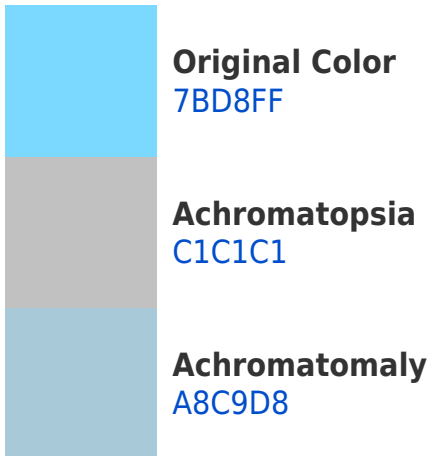


Tritanopia
75DBED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BD8FF 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 #7BD8FF looks like.

```
.text, #text, p{  
    color:#7BD8FF  
}
```

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 #7BD8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BD8FF  
}
```

Border

The CSS property to change the border of an element to Hex 7BD8FF 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  
#7BD8FF }
```

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

```
.border{ border-color:#7BD8FF }
```

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

Here you see how a box with a 4 pixel #7BD8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BD8FF; -webkit-box-shadow:4px 4px  
4px 4px #7BD8FF; box-shadow:4px 4px 4px  
4px #7BD8FF }
```

Background

The CSS property to change the background color of an element to Hex 7BD8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BD8FF }
```

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

```
.background{ background-color:#7BD8FF }
```

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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