

Converting Colors

Hex(7FD7FF)

Have a look what the booklet for
Hex(7FD7FF) contains.

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Color

Hex(7FD7FF)

Conversions

Conversions Part 1

Format	Color
Hex	7FD7FF
RGB	127, 215, 255
RGB Percent	50%, 84%, 100%
CMY	0.5020, 0.1569, 0.0000
CMYK	0.50, 0.16, 0.00, 0.00
HSL	199°, 100%, 75%
HSV	199°, 50%, 100%
XYZ	51.1028, 60.3329, 103.5598
YIQ	193.2480, -65.2880, -6.2160

Conversions

Conversions Part 2

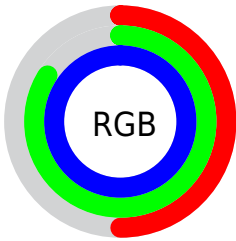
Format	Color
R _Y B	127, 179, 255
Decimal	8378367
CIE Lab	82.02, -15.92, -27.69
CIE LCh	82, 31.939, 240.100
Yxy	60.3329, 0.2377, 0.2806
Android (android.graphics.Color)	4286568447 (0xFF7FD7FF)
YUV	193.2480, 30.4437, -58.0995
Hunter-Lab	77.6743, -18.4926, -24.6768

Details

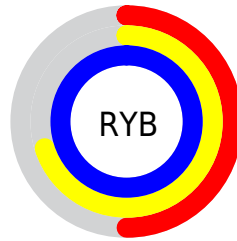
The Hex color **7FD7FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFA77F**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **BAFFFF**, and **41A0C6** is the 20% darker color. If you saturate the color by 10%, you get **66CFFF**, and if you desaturate by 10%, it is **99DFFF**.

Distribution



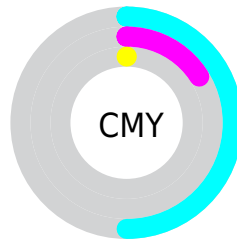
- Red (50%)
- Green (84%)
- Blue (100%)



- Red (50%)
- Yellow (70%)
- Blue (100%)



- Cyan (50%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FD7FF 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 7FD7FF by changing the saturation by 10% instead.

 7FD7FF

 7FD7FF

FFFFFF

 61BBE2

 BAFFFF

 41A0C6

 D8FFFF

 1786AB

 F6FFFF

 006D90

 005476

 003D5E

 002746

 00102F

 00011A

 7FD7FF

 7FD7FF

 66CFFF

 99DFFF

 4CC7FF

 B2E7FF

 33BFFF

 CCEFFF

 19B7FF

 E5F7FF

 00AFFF

 FFFFFFFF

Harmonies

Analogous

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



6FDCE9



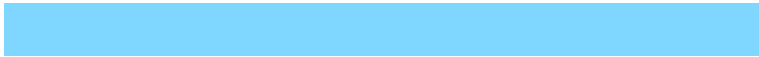
7FD7FF



A6CFFF

Triad

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



7FD7FF



FFB6CD



C1D398

Complementary

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



7FD7FF



FFA77F

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.



E1CA90



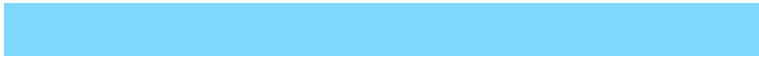
7FD7FF



FFB8AF

Square

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



7FD7FF



F2BBEA



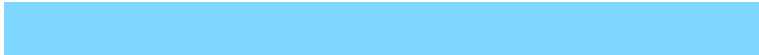
FAC099



9FDAAD

Rectangle

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



7FD7FF



C3C8FF



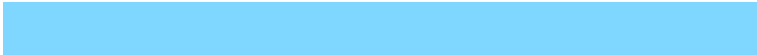
FAC099



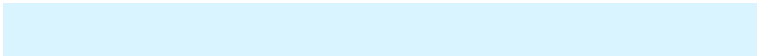
CDD093

Sweetspot

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



7FD7FF



D9F3FF



7FFFA5



697880



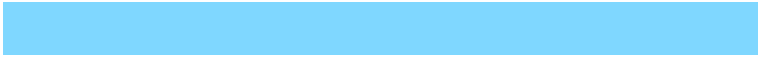
000000



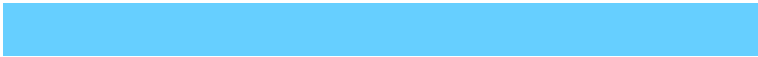
808080

Same Dimension

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



7FD7FF



66CFFF



7F99FF



737C80



0083BF



002C40

Inverse Universe

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



FF7FD7



FF66CF



FFE57F



80737C



BF0083



40002C

Previews

White Background



This preview shows how the Hex color 7FD7FF looks on a white background.

Color Contrast Check

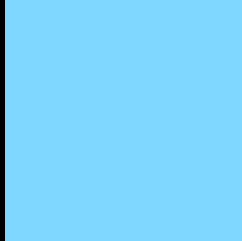
Large Text (above 18pt) WCAG AA × Fail

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 7FD7FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

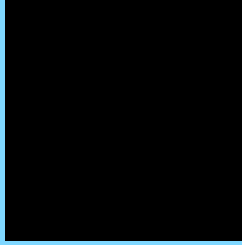
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

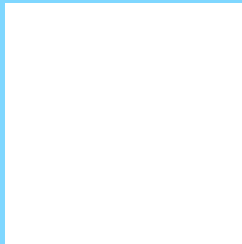
Any Text WCAG AAA ✓ Pass

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

Hex 7FD7FF Background



This preview shows how black text looks on a background with the Hex color 7FD7FF.

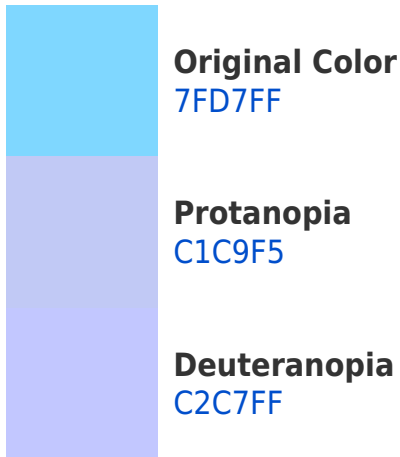


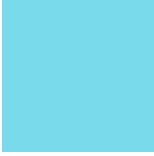
This preview shows how white text looks on a background with the Hex color 7FD7FF.

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](#).

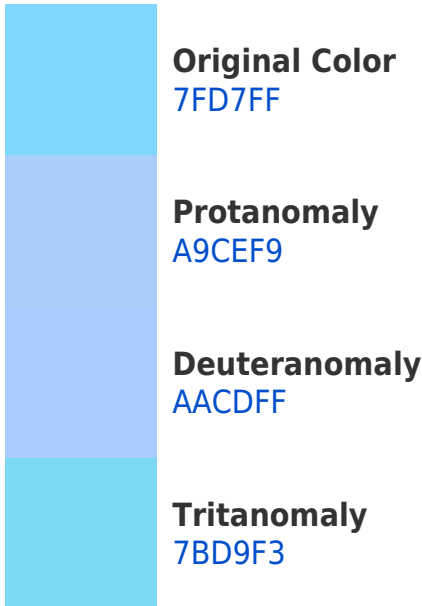
Dichromacy



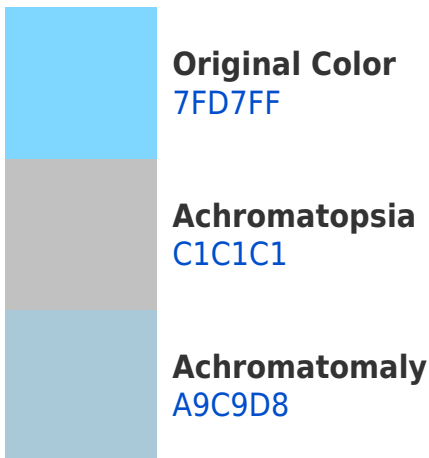


Tritanopia
79DAEC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FD7FF 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 #7FD7FF looks like.

```
.text, #text, p{  
    color:#7FD7FF  
}
```

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 #7FD7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FD7FF
}
```

Border

The CSS property to change the border of an element to Hex 7FD7FF 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
#7FD7FF }
```

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

```
.border{ border-color:#7FD7FF }
```

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

Here you see how a box with a 4 pixel #7FD7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FD7FF; -webkit-box-shadow:4px 4px  
4px 4px #7FD7FF; box-shadow:4px 4px 4px  
4px #7FD7FF }
```

Background

The CSS property to change the background color of an element to Hex 7FD7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FD7FF }
```

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

```
.background{ background-color:#7FD7FF }
```

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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