

# Converting Colors

Hex(7FD3FE)

Have a look what the booklet for  
Hex(7FD3FE) contains.

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# **Color**

**Hex(7FD3FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FD3FE
RGB	127, 211, 254
RGB Percent	50%, 83%, 100%
CMY	0.5020, 0.1725, 0.0039
CMYK	0.50, 0.17, 0.00, 0.00
HSL	200°, 98%, 75%
HSV	200°, 50%, 100%
XYZ	49.9361, 58.2563, 102.3786
YIQ	190.7860, -63.8670, -4.4350

# Conversions

## Conversions Part 2

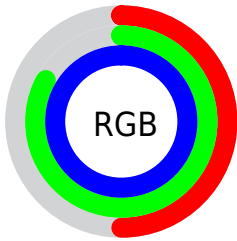
Format	Color
R <sub>Y</sub> B	127, 178, 254
Decimal	8377342
CIE Lab	80.88, -14.14, -28.90
CIE LCh	81, 32.171, 243.935
Yxy	58.2563, 0.2371, 0.2767
Android (android.graphics.Color)	4286567422 (0xFF7FD3FE)
YUV	190.7860, 31.1645, -55.9403
Hunter-Lab	76.3258, -16.7868, -26.0998

# Details

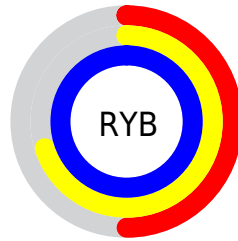
The Hex color **7FD3FE** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FEAA7F**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **BAFFFF**, and **419CC5** is the 20% darker color. If you saturate the color by 10%, you get **66CAFE**, and if you desaturate by 10%, it is **98DCFE**.

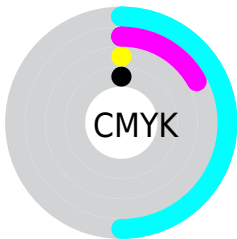
# Distribution



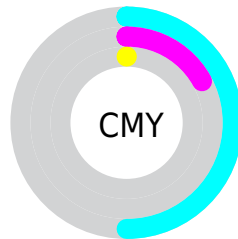
- Red (50%)
- Green (83%)
- Blue (100%)



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



- Cyan (50%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (17%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FD3FE 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 7FD3FE by changing the saturation by 10% instead.



 7FD3FE

 7FD3FE

FFFFFF

 61B7E1


 BAFFFF

 419CC5

 D8FFFF

 1982AA

 F6FFFF

 00698F

 005175

 003A5D

 002445

 000A2F

 000119

 7FD3FE

 7FD3FE

 66CAFE

 98DCFE

 4CC2FE

 B2E4FE

 33B9FE

 CBEDFE

 19B1FE

 E5F5FE

 00A8FE

FEFEFE

FFFFFFE

# Harmonies

## Analogous

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



6BD8E9



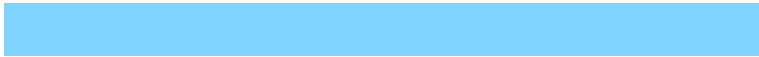
7FD3FE



A8CAFF

# Triad

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



7FD3FE



FFB3C6



BAD196

# Complementary

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



7FD3FE



FEAA7F

# 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.



DAC88D



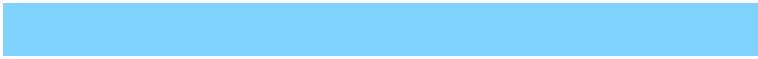
7FD3FE



FFB6A9

# Square

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



7FD3FE



F3B6E4



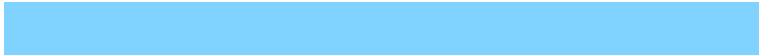
F4BE94



97D7AD

# Rectangle

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



7FD3FE



C5C3FF



F4BE94



C5CE91



# Sweetspot

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



7FD3FE



D9F2FF



7FFEA9



697880



000000

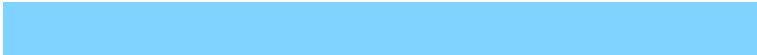


808080



# Same Dimension

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



7FD3FE



66CBFF



7F94FE



737B80



007EBF



002A40



# Inverse Universe

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



FE7FD3



FF66CB



FEE97F



80737B



BF007E

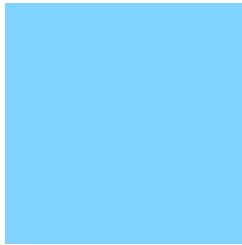


40002A



# Previews

## White Background



This preview shows how the Hex color 7FD3FE looks on a white background.

## Color Contrast Check

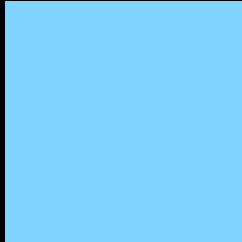
Large Text (above 18pt) WCAG AA × Fail

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 7FD3FE 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

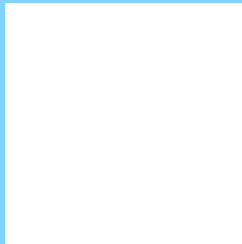
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7FD3FE Background



This preview shows how black text looks on a background with the Hex color 7FD3FE.

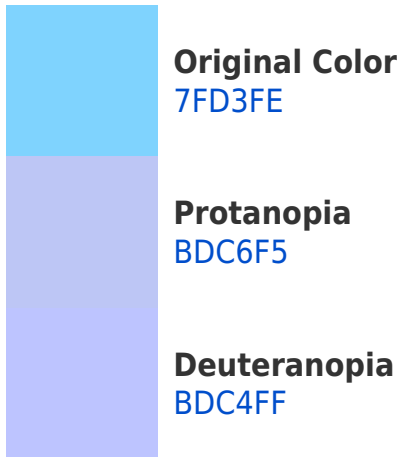


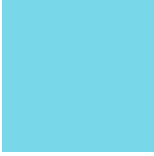
This preview shows how white text looks on a background with the Hex color 7FD3FE.

# 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](#).

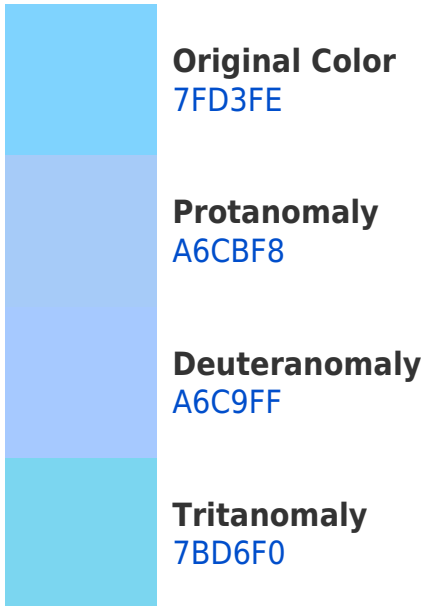
## Dichromacy



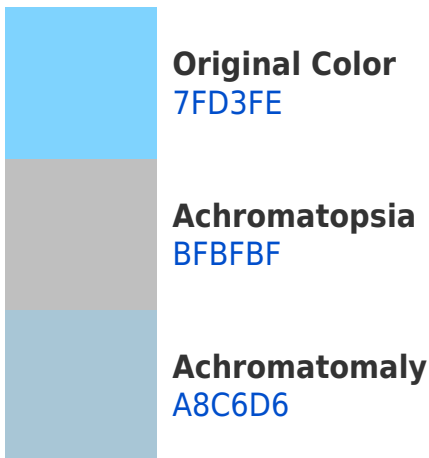


**Tritanopia**  
78D7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FD3FE 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 #7FD3FE looks like.

```
.text, #text, p{  
    color:#7FD3FE  
}
```

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 #7FD3FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FD3FE
}
```

## Border

The CSS property to change the border of an element to Hex 7FD3FE 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
#7FD3FE }
```

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

```
.border{ border-color:#7FD3FE }
```

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

Here you see how a box with a 4 pixel #7FD3FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FD3FE; -webkit-box-shadow:4px 4px  
4px 4px #7FD3FE; box-shadow:4px 4px 4px  
4px #7FD3FE }
```

# Background

The CSS property to change the background color of an element to Hex 7FD3FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FD3FE }
```

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

```
.background{ background-color:#7FD3FE }
```

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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