

Converting Colors

Hex(7AF7FD)

Have a look what the booklet for
Hex(7AF7FD) contains.

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Color

Hex(7AF7FD)

Conversions

Conversions Part 1

Format	Color
Hex	7AF7FD
RGB	122, 247, 253
RGB Percent	48%, 97%, 99%
CMY	0.5216, 0.0314, 0.0078
CMYK	0.52, 0.02, 0.00, 0.01
HSL	183°, 97%, 74%
HSV	183°, 52%, 99%
XYZ	59.0164, 77.7510, 104.8254
YIQ	210.3090, -76.4260, -24.6340

Conversions

Conversions Part 2

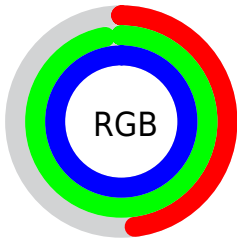
Format	Color
RYB	122, 186, 253
Decimal	8058877
CIELab	90.67, -33.21, -13.58
CIElCh	91, 35.875, 202.238
Yxy	77.7510, 0.2443, 0.3218
Android (android.graphics.Color)	4286248957 (0xFF7AF7FD)
YUV	210.3090, 21.0467, -77.4470
Hunter-Lab	88.1765, -34.8390, -8.7612

Details

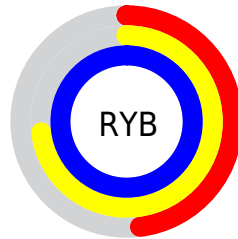
The Hex color **7AF7FD** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FD807A**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **B7FFFF**, and **36BEC4** is the 20% darker color. If you saturate the color by 10%, you get **61F6FD**, and if you desaturate by 10%, it is **93F8FD**.

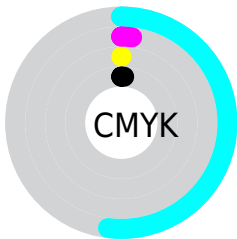
Distribution



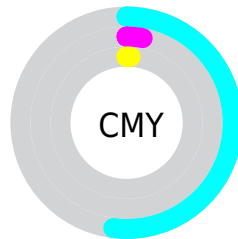
- Red (48%)
- Green (97%)
- Blue (99%)



- Red (48%)
- Yellow (73%)
- Blue (99%)



- Cyan (52%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)



- Cyan (52%)
- Magenta (3%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AF7FD 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 7AF7FD by changing the saturation by 10% instead.

 7AF7FD

 7AF7FD

FFFFFF

 5ADAE0

 B7FFFF

 36BEC4

 D5FFFF

 00A3A9

 F4FFFF

 00888F

 006E75

 00555D

 003E45

 00282F

 00061B

 7AF7FD

 7AF7FD

 61F6FD

 93F8FD

 47F5FD

 ADF9FD

 2EF4FD

 C6FAFD

 15F2FD

 DFFCFD

 00F1FD

 F9DFD

 FFFEFD

 FFFFFD

Harmonies

Analogous

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



94F7DA



7AF7FD



82F3FF

Triad

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



7AF7FD



FFD3FF



FFDFA0

Complementary

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



7AF7FD



FD807A

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.



FFD4AF



7AF7FD



FFCCEF

Square

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



7AF7FD



DDDDFF



FFCCCC



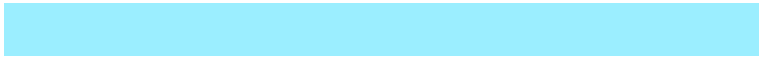
E2EAA4

Rectangle

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



7AF7FD



9BEEFF



FFCCCC



FFDBA3

Sweetspot

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



7AF7FD



D6FDFF



7AFD7E



677E80



000000



808080

Same Dimension

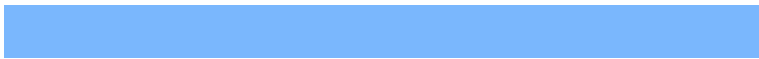
The Same Dimension uses a secret algorithm to generate beautiful new colors.



7AF7FD



61F8FF



7AB7FD



737F80



00B6BF



003D40

Inverse Universe

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



FD7AF7



FF61F8



FDC07A



80737F



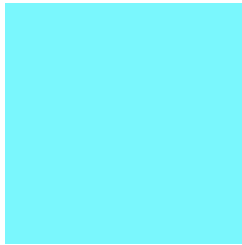
BF00B6



40003D

Previews

White Background



This preview shows how the Hex color 7AF7FD looks on a white background.

Color Contrast Check

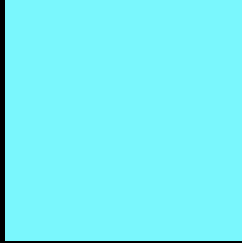
Large Text (above 18pt) WCAG AA × Fail

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 7AF7FD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

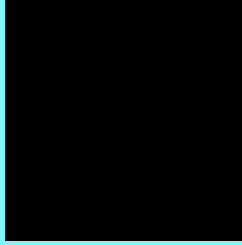
Any Text WCAG AA ✓ Pass

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 7AF7FD Background



This preview shows how black text looks on a background with the Hex color 7AF7FD.

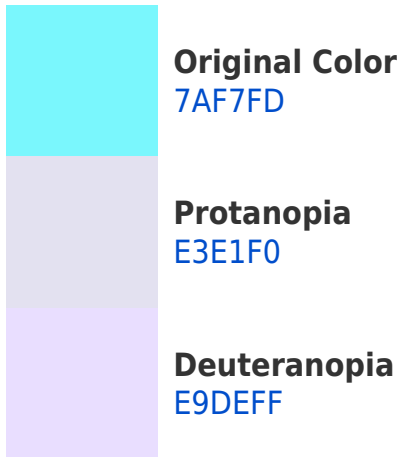


This preview shows how white text looks on a background with the Hex color 7AF7FD.

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



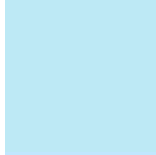


Tritanopia
A2F0FF

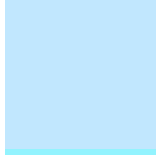
Trichromacy



Original Color
7AF7FD



Protanomaly
BDE9F5



Deuteranomaly
C1E7FE

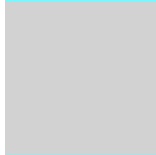


Tritanomaly
93F3FE

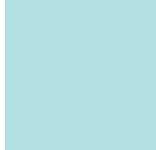
Monochromacy



Original Color
7AF7FD



Achromatopsia
D2D2D2



Achromatomaly
B2DFE2

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AF7FD 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 #7AF7FD looks like.

```
.text, #text, p{  
    color:#7AF7FD  
}
```

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 #7AF7FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AF7FD
}
```

Border

The CSS property to change the border of an element to Hex 7AF7FD 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
#7AF7FD }
```

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

```
.border{ border-color:#7AF7FD }
```

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

Here you see how a box with a 4 pixel #7AF7FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AF7FD; -webkit-box-shadow:4px 4px  
4px 4px #7AF7FD; box-shadow:4px 4px 4px  
4px #7AF7FD }
```

Background

The CSS property to change the background color of an element to Hex 7AF7FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AF7FD }
```

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

```
.background{ background-color:#7AF7FD }
```

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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