

Converting Colors

Hex(7FE4FF)

Have a look what the booklet for
Hex(7FE4FF) contains.

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Color

Hex(7FE4FF)

Conversions

Conversions Part 1

Format	Color
Hex	7FE4FF
RGB	127, 228, 255
RGB Percent	50%, 89%, 100%
CMY	0.5020, 0.1059, 0.0000
CMYK	0.50, 0.11, 0.00, 0.00
HSL	193°, 100%, 75%
HSV	193°, 50%, 100%
XYZ	54.5458, 67.2188, 104.7074
YIQ	200.8790, -68.8630, -13.0150

Conversions

Conversions Part 2

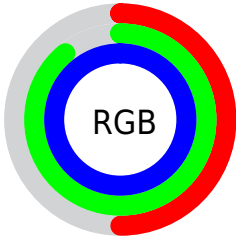
Format	Color
RYB	127, 183, 255
Decimal	8381695
CIELab	85.61, -22.49, -22.21
CIELCh	86, 31.608, 224.649
Yxy	67.2188, 0.2409, 0.2968
Android (android.graphics.Color)	4286571775 (0xFF7FE4FF)
YUV	200.8790, 26.6817, -64.7919
Hunter-Lab	81.9871, -24.7218, -18.3295

Details

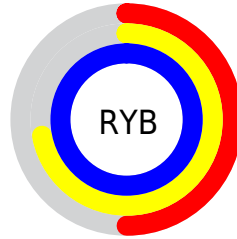
The Hex color **7FE4FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FF9A7F**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **BBFFFF**, and **40ACC6** is the 20% darker color. If you saturate the color by 10%, you get **66DFFF**, and if you desaturate by 10%, it is **99E9FF**.

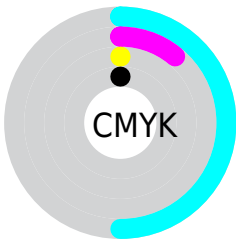
Distribution



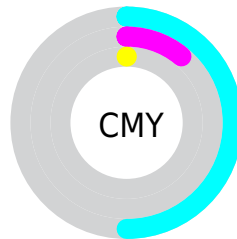
- Red (50%)
- Green (89%)
- Blue (100%)



- Red (50%)
- Yellow (72%)
- Blue (100%)



- Cyan (50%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FE4FF 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 7FE4FF by changing the saturation by 10% instead.

 7FE4FF

 7FE4FF

FFFFFF

 61C8E2

 BBFFFF

 40ACC6

 D8FFFF

 1292AB

 F7FFFF

 007890

 005F77

 00475E

 003046

 001D30

 00011B

 7FE4FF

 7FE4FF

 66DFFF

 99E9FF

 4CD9FF

 B2EFFF

 33D4FF

 CCF4FF

 19CEFF

 E5FAFF

 00C9FF

 FFFFFFFF

Harmonies

Analogous

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



80E7E4



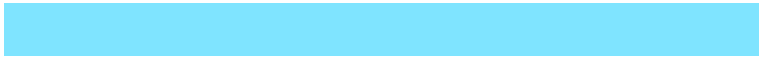
7FE4FF



9CDDFF

Triad

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



7FE4FF



FFC2E7



DDD99C

Complementary

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



7FE4FF



FF9A7F

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.



FACF9D



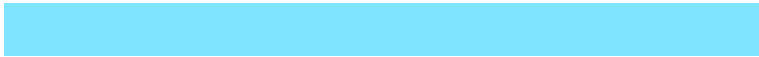
7FE4FF



FFC0C8

Square

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



7FE4FF



EDC9FF



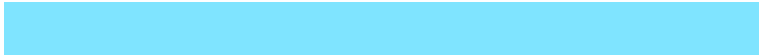
FFC6AD



BBE1AB

Rectangle

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



7FE4FF



B7D7FF



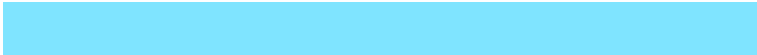
FFC6AD



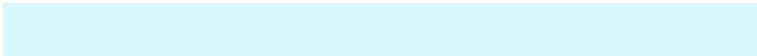
E7D69A

Sweetspot

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



7FE4FF



D9F7FF



7FFF99



697B80



000000



808080

Same Dimension

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



7FE4FF



66DFFF



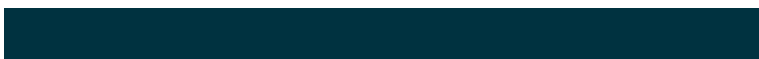
7FA5FF



737D80



0097BF



003240

Inverse Universe

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



FF7FE4



FF66DF



FFD97F



80737D



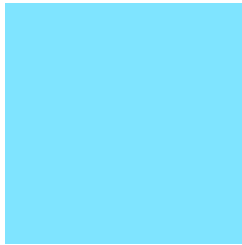
BF0097



400032

Previews

White Background



This preview shows how the Hex color 7FE4FF looks on a white background.

Color Contrast Check

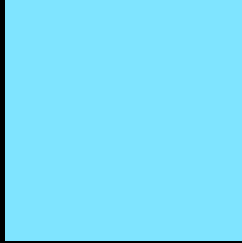
Large Text (above 18pt) WCAG AA × Fail

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 7FE4FF 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 7FE4FF Background



This preview shows how black text looks on a background with the Hex color 7FE4FF.

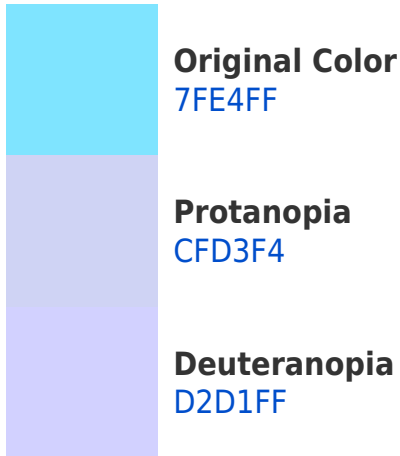


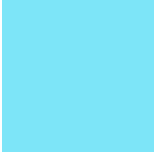
This preview shows how white text looks on a background with the Hex color 7FE4FF.

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
7DE5F8

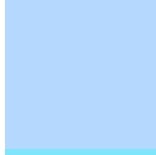
Trichromacy



Original Color
7FE4FF



Protanomaly
B2D9F8



Deuteranomaly
B4D8FF

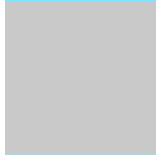


Tritanomaly
7EE5FB

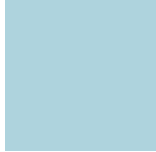
Monochromacy



Original Color
7FE4FF



Achromatopsia
C9C9C9



Achromatomaly
AED3DD

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FE4FF 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 #7FE4FF looks like.

```
.text, #text, p{  
    color:#7FE4FF  
}
```

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 #7FE4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FE4FF  
}
```

Border

The CSS property to change the border of an element to Hex 7FE4FF 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  
#7FE4FF }
```

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

```
.border{ border-color:#7FE4FF }
```

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

Here you see how a box with a 4 pixel #7FE4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FE4FF; -webkit-box-shadow:4px 4px  
4px 4px #7FE4FF; box-shadow:4px 4px 4px  
4px #7FE4FF }
```

Background

The CSS property to change the background color of an element to Hex 7FE4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FE4FF }
```

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

```
.background{ background-color:#7FE4FF }
```

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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