

Converting Colors

Hex(7BE7FF)

Have a look what the booklet for
Hex(7BE7FF) contains.

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Color

Hex(7BE7FF)

Conversions

Conversions Part 1

Format	Color
Hex	7BE7FF
RGB	123, 231, 255
RGB Percent	48%, 91%, 100%
CMY	0.5176, 0.0941, 0.0000
CMYK	0.52, 0.09, 0.00, 0.00
HSL	191°, 100%, 74%
HSV	191°, 52%, 100%
XYZ	54.7943, 68.5828, 104.9576
YIQ	201.4440, -72.0720, -15.4320

Conversions

Conversions Part 2

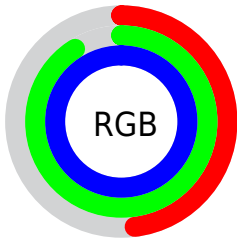
Format	Color
RYB	123, 182, 255
Decimal	8120319
CIELab	86.30, -24.80, -21.19
CIElCh	86, 32.621, 220.517
Yxy	68.5828, 0.2400, 0.3004
Android (android.graphics.Color)	4286310399 (0xFF7BE7FF)
YUV	201.4440, 26.4031, -68.7954
Hunter-Lab	82.8147, -26.8214, -17.1726

Details

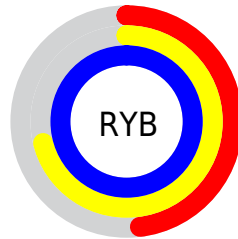
The Hex color **7BE7FF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF937B**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **B7FFFF**, and **3AAFC6** is the 20% darker color. If you saturate the color by 10%, you get **62E2FF**, and if you desaturate by 10%, it is **95ECFF**.

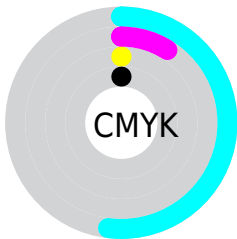
Distribution



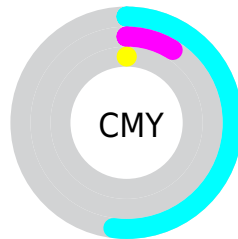
- Red (48%)
- Green (91%)
- Blue (100%)



- Red (48%)
- Yellow (71%)
- Blue (100%)



- Cyan (52%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (52%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BE7FF 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 7BE7FF by changing the saturation by 10% instead.

 7BE7FF

 7BE7FF

FFFFFF

 5CCBE2

 B7FFFF

 3AAFC6

 D5FFFF

 0094AB

 F4FFFF

 007A90

 006177

 00495E

 003246

 001F30

 00011B

 7BE7FF

 7BE7FF

 62E2FF

 95ECFF

 48DEFF

 AEF0FF

 2FD9FF

 C8F5FF

 15D4FF

 E1FAFF

 00D1FF

 FBFEFF

 FFFFFFFF

Harmonies

Analogous

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



81E9E2



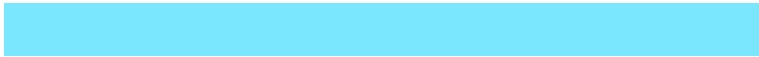
7BE7FF



95E1FF

Triad

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



7BE7FF



FFC4ED



E3D99B

Complementary

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



7BE7FF



FF937B

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.



FFCF9E



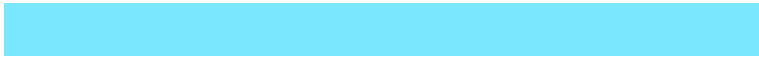
7BE7FF



FFC1CE

Square

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



7BE7FF



EACCFE



FFC6B1



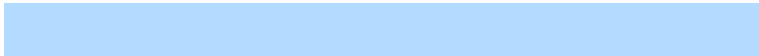
C1E2A8

Rectangle

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



7BE7FF



B2DBFF



FFC6B1



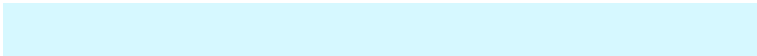
EED69A

Sweetspot

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



7BE7FF



D6F8FF



7BFF91



677B80



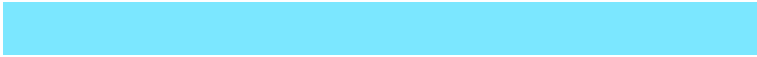
000000



808080

Same Dimension

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



7BE7FF



61E2FF



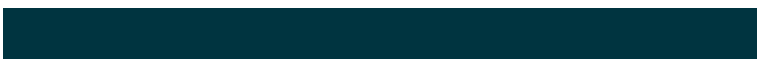
7BA7FF



737D80



009CBF



003440

Inverse Universe

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



FF7BE7



FF61E2



FFD37B



80737D



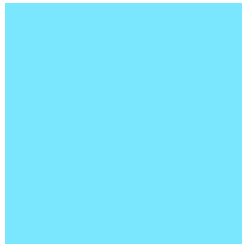
BF009C



400034

Previews

White Background



This preview shows how the Hex color 7BE7FF looks on a white background.

Color Contrast Check

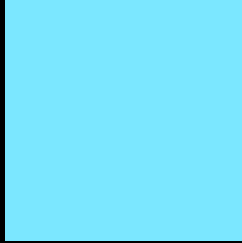
Large Text (above 18pt) WCAG AA × Fail

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 7BE7FF 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 7BE7FF Background



This preview shows how black text looks on a background with the Hex color 7BE7FF.

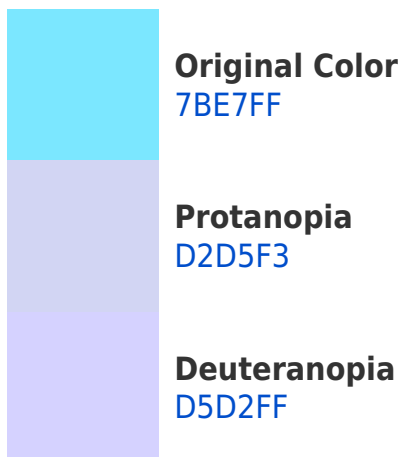


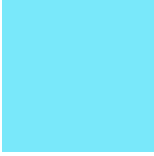
This preview shows how white text looks on a background with the Hex color 7BE7FF.

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](#).

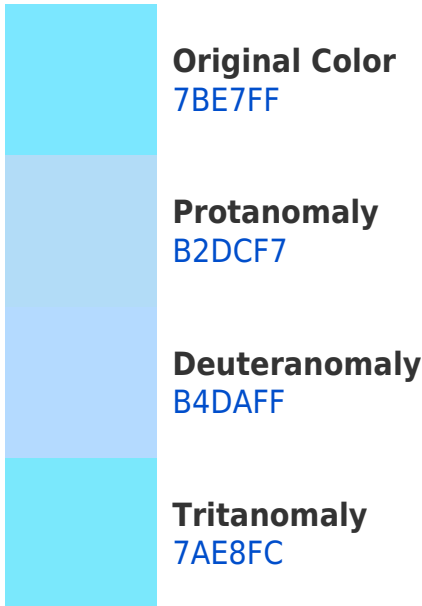
Dichromacy



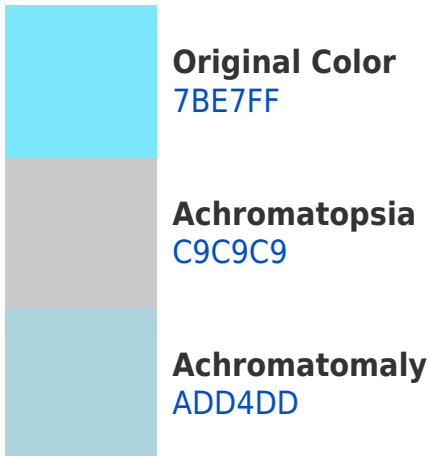


Tritanopia
79E8FA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BE7FF 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 #7BE7FF looks like.

```
.text, #text, p{  
    color:#7BE7FF  
}
```

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 #7BE7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BE7FF
}
```

Border

The CSS property to change the border of an element to Hex 7BE7FF 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
#7BE7FF }
```

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

```
.border{ border-color:#7BE7FF }
```

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

Here you see how a box with a 4 pixel #7BE7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BE7FF; -webkit-box-shadow:4px 4px  
4px 4px #7BE7FF; box-shadow:4px 4px 4px  
4px #7BE7FF }
```

Background

The CSS property to change the background color of an element to Hex 7BE7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BE7FF }
```

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

```
.background{ background-color:#7BE7FF }
```

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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