

Converting Colors

Hex(7BE7F9)

Have a look what the booklet for
Hex(7BE7F9) contains.

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Color

Hex(7BE7F9)

Conversions

Conversions Part 1

Format	Color
Hex	7BE7F9
RGB	123, 231, 249
RGB Percent	48%, 91%, 98%
CMY	0.5176, 0.0941, 0.0235
CMYK	0.51, 0.07, 0.00, 0.02
HSL	189°, 91%, 73%
HSV	189°, 51%, 98%
XYZ	53.8432, 68.2023, 99.9491
YIQ	200.7600, -70.1460, -17.2980

Conversions

Conversions Part 2

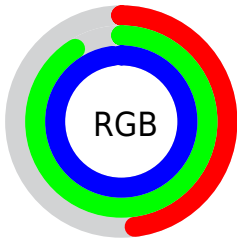
Format	Color
R _Y B	123, 181, 249
Decimal	8120313
CIE Lab	86.11, -26.40, -18.33
CIE LCh	86, 32.140, 214.762
Yxy	68.2023, 0.2425, 0.3072
Android (android.graphics.Color)	4286310393 (0xFF7BE7F9)
YUV	200.7600, 23.7823, -68.1955
Hunter-Lab	82.5847, -28.1457, -13.9471

Details

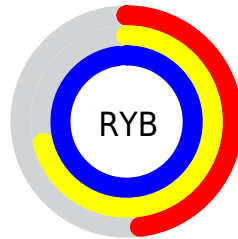
The Hex color **7BE7F9** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F98D7B**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **B7FFFF**, and **3BAFC1** is the 20% darker color. If you saturate the color by 10%, you get **62E3F9**, and if you desaturate by 10%, it is **94EBF9**.

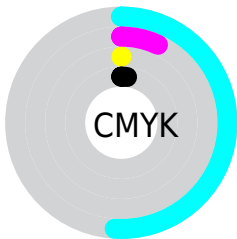
Distribution



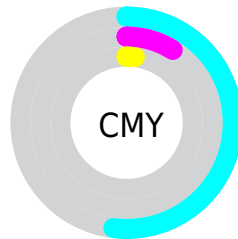
- Red (48%)
- Green (91%)
- Blue (98%)



- Red (48%)
- Yellow (71%)
- Blue (98%)



- Cyan (51%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (52%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BE7F9 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 7BE7F9 by changing the saturation by 10% instead.

 7BE7F9

 7BE7F9

FFFFFF

 5CCBDC

 B7FFFF

 3BAFC1

 D5FFFF

 0294A5

 F3FFFF

 007A8B

 006172

 004959

 003242

 001F2B

 000117

 7BE7F9

 7BE7F9

 62E3F9

 94EBF9

 49E0F9

 ADEEF9

 30DCF9

 C6F2F9

 17D9F9

 DFF5F9

 00D5F9

 F8F9F9

 FFFCF9

 FFFFF9

Harmonies

Analogous

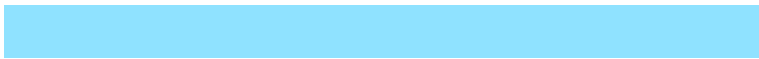
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86E8DB



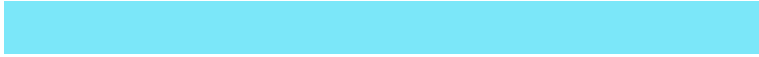
7BE7F9



8FE2FF

Triad

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



7BE7F9



FFC5F2



E9D79B

Complementary

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



7BE7F9



F98D7B

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.



FFCDA1



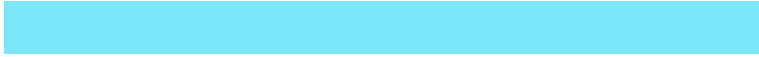
7BE7F9



FFC1D4

Square

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



7BE7F9



E2CEFF



FFC4B6



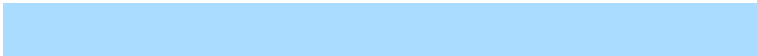
C7E0A5

Rectangle

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



7BE7F9



AADCFF



FFC4B6



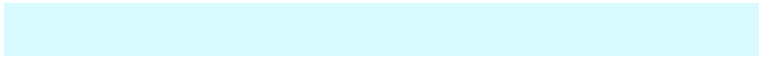
F2D49B

Sweetspot

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



7BE7F9



D9FAFF



7BF98C



697C80



000000



808080

Same Dimension

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



7BE7F9



63E9FF



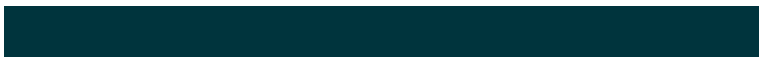
7BA9F9



707B7D



00A2BD



00343D

Inverse Universe

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



F97BE7



FF63E9



F9CB7B



7D707B



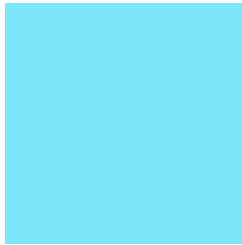
BD00A2



3D0034

Previews

White Background



This preview shows how the Hex color 7BE7F9 looks on a white background.

Color Contrast Check

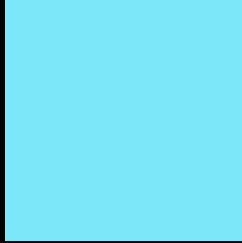
Large Text (above 18pt) WCAG AA × Fail

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 7BE7F9 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 7BE7F9 Background



This preview shows how black text looks on a background with the Hex color 7BE7F9.

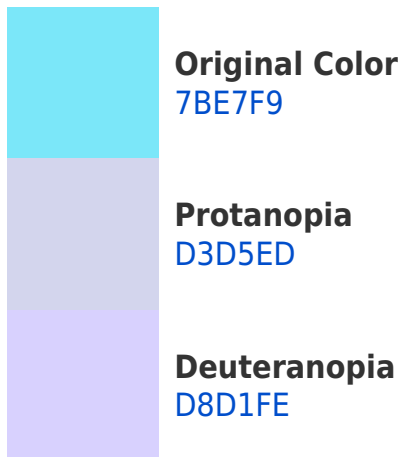


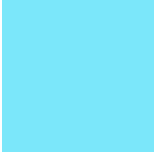
This preview shows how white text looks on a background with the Hex color 7BE7F9.

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



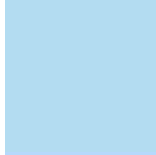


Tritanopia
7BE7FA

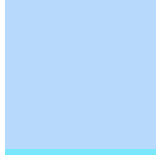
Trichromacy



Original Color
7BE7F9



Protanomaly
B3DCF1



Deuteranomaly
B6D9FC

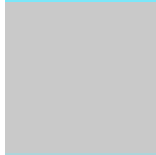


Tritanomaly
7BE7FA

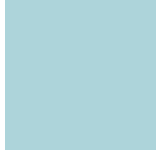
Monochromacy



Original Color
7BE7F9



Achromatopsia
C9C9C9



Achromatomaly
ADD4DA

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BE7F9 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 #7BE7F9 looks like.

```
.text, #text, p{  
    color:#7BE7F9  
}
```

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 #7BE7F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BE7F9
}
```

Border

The CSS property to change the border of an element to Hex 7BE7F9 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
#7BE7F9 }
```

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

```
.border{ border-color:#7BE7F9 }
```

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

Here you see how a box with a 4 pixel #7BE7F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BE7F9; -webkit-box-shadow:4px 4px  
4px 4px #7BE7F9; box-shadow:4px 4px 4px  
4px #7BE7F9 }
```

Background

The CSS property to change the background color of an element to Hex 7BE7F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BE7F9 }
```

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

```
.background{ background-color:#7BE7F9 }
```

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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