

Converting Colors

Hex(7BE6F9)

Have a look what the booklet for
Hex(7BE6F9) contains.

Hex(7BE6F9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7BE6F9)

Conversions

Conversions Part 1

Format	Color
Hex	7BE6F9
RGB	123, 230, 249
RGB Percent	48%, 90%, 98%
CMY	0.5176, 0.0980, 0.0235
CMYK	0.51, 0.08, 0.00, 0.02
HSL	189°, 91%, 73%
HSV	189°, 51%, 98%
XYZ	53.5641, 67.6441, 99.8560
YIQ	200.1730, -69.8710, -16.7750

Conversions

Conversions Part 2

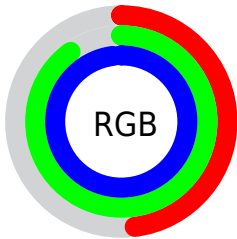
Format	Color
RYB	123, 181, 249
Decimal	8120057
CIELab	85.83, -25.92, -18.75
CIELCh	86, 31.986, 215.881
Yxy	67.6441, 0.2423, 0.3060
Android (android.graphics.Color)	4286310137 (0xFF7BE6F9)
YUV	200.1730, 24.0717, -67.6807
Hunter-Lab	82.2461, -27.6796, -14.4125

Details

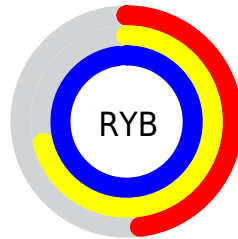
The Hex color **7BE6F9** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F98E7B**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **B7FFFF**, and **3BAEC1** is the 20% darker color. If you saturate the color by 10%, you get **62E2F9**, and if you desaturate by 10%, it is **94EAF9**.

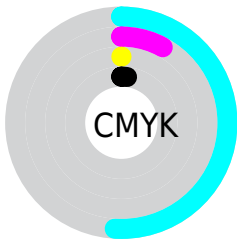
Distribution



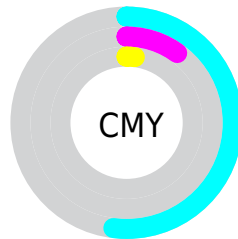
- Red (48%)
- Green (90%)
- Blue (98%)



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



- Cyan (51%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (52%)
- Magenta (10%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BE6F9 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 7BE6F9 by changing the saturation by 10% instead.

 7BE6F9

 7BE6F9

FFFFFF

 5CCADC

 B7FFFF

 3BAEC1

 D5FFFF

 0393A5

 F3FFFF

 00798B

 006072

 004859

 003142

 001E2B

 000117

■ 7BE6F9

■ 7BE6F9

■ 62E2F9

■ 94EAF9

■ 49DEF9

■ ADEEF9

■ 30DBF9

■ C6F1F9

■ 17D7F9

■ DFF5F9

■ 00D3F9

■ F8F9F9

■ FFFDF9

■ FFFFF9

Harmonies

Analogous

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



85E8DC



7BE6F9



90E0FF

Triad

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



7BE6F9



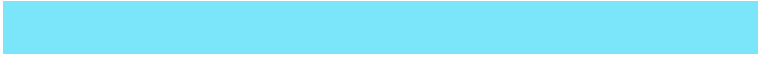
FFC4F0



E7D79A

Complementary

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



7BE6F9



F98E7B

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.



FFCCA0



7BE6F9



FFC0D2

Square

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



7BE6F9



E3CDFE



FFC4B5



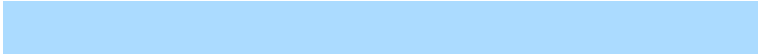
C5DFA5

Rectangle

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



7BE6F9



ABDBFF



FFC4B5



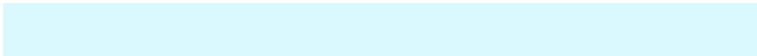
F0D39A

Sweetspot

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



7BE6F9



D9F9FF



7BF98E



697C80



000000



808080

Same Dimension

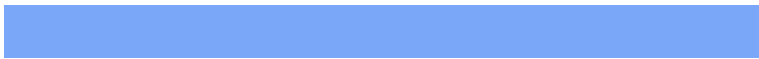
The Same Dimension uses a secret algorithm to generate beautiful new colors.



7BE6F9



63E8FF



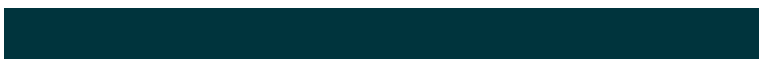
7BA7F9



707B7D



00A0BD



00343D

Inverse Universe

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



F97BE6



FF63E8



F9CD7B



7D707B



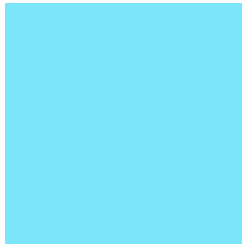
BD00A0



3D0034

Previews

White Background



This preview shows how the Hex color 7BE6F9 looks on a white background.

Color Contrast Check

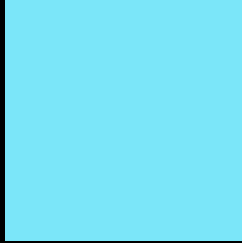
Large Text (above 18pt) WCAG AA × Fail

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 7BE6F9 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 7BE6F9 Background



This preview shows how black text looks on a background with the Hex color 7BE6F9.

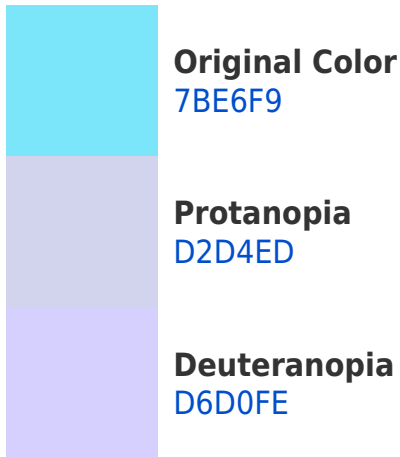


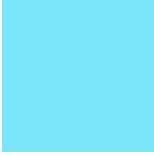
This preview shows how white text looks on a background with the Hex color 7BE6F9.

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



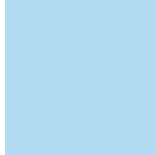


Tritanopia
7BE6F9

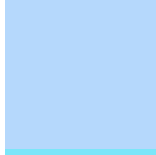
Trichromacy



Original Color
7BE6F9



Protanomaly
B2DBF1



Deuteranomaly
B5D8FC

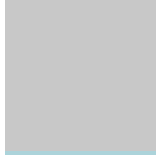


Tritanomaly
7BE6F9

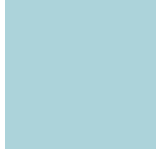
Monochromacy



Original Color
7BE6F9



Achromatopsia
C8C8C8



Achromatomaly
ACD3DA

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BE6F9 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 #7BE6F9 looks like.

```
.text, #text, p{  
    color:#7BE6F9  
}
```

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 #7BE6F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BE6F9
}
```

Border

The CSS property to change the border of an element to Hex 7BE6F9 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
#7BE6F9 }
```

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

```
.border{ border-color:#7BE6F9 }
```

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

Here you see how a box with a 4 pixel #7BE6F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BE6F9; -webkit-box-shadow:4px 4px  
4px 4px #7BE6F9; box-shadow:4px 4px 4px  
4px #7BE6F9 }
```

Background

The CSS property to change the background color of an element to Hex 7BE6F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BE6F9 }
```

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

```
.background{ background-color:#7BE6F9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor