

Converting Colors

Hex(7CEBFF)

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

Hex(7CEBFF)	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(7CEBFF)

Conversions

Conversions Part 1

Format	Color
Hex	7CEBFF
RGB	124, 235, 255
RGB Percent	49%, 92%, 100%
CMY	0.5137, 0.0784, 0.0000
CMYK	0.51, 0.08, 0.00, 0.00
HSL	189°, 100%, 74%
HSV	189°, 51%, 100%
XYZ	56.0705, 70.9217, 105.3418
YIQ	204.0910, -72.5760, -17.3120

Conversions

Conversions Part 2

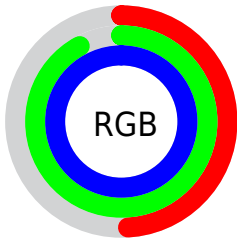
Format	Color
RYB	124, 184, 255
Decimal	8186879
CIELab	87.45, -26.55, -19.45
CIELCh	87, 32.913, 216.227
Yxy	70.9217, 0.2413, 0.3053
Android (android.graphics.Color)	4286376959 (0xFF7CEBFF)
YUV	204.0910, 25.0981, -70.2398
Hunter-Lab	84.2151, -28.5308, -15.2133

Details

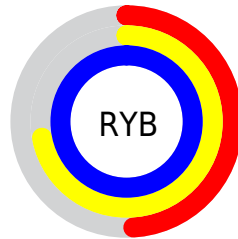
The Hex color **7CEBFF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF907C**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **B8FFFF**, and **3BB3C6** is the 20% darker color. If you saturate the color by 10%, you get **63E7FF**, and if you desaturate by 10%, it is **96EFFF**.

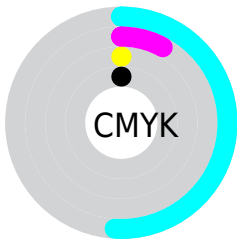
Distribution



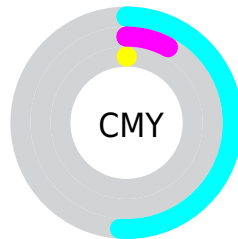
- Red (49%)
- Green (92%)
- Blue (100%)



- Red (49%)
- Yellow (72%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

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

 7CEBFF

 7CEBFF

FFFFFF

 5DCFE2

 B8FFFF

 3BB3C6

 D6FFFF

 0098AB

 F5FFFF

 007E90

 006577

 004C5E

 003546

 002130

 00011B

 7CEBFF

 7CEBFF

 63E7FF

 96EFFF

 49E3FF

 AFF3FF

 30DFFF

 C9F7FF

 16DBFF

 E2FBFF

 00D8FF

 FCFEFF

 FFFFFFFF

Harmonies

Analogous

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



86EDE1



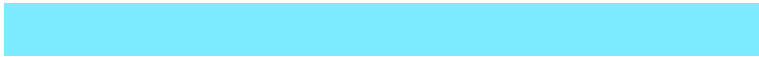
7CEBFF



93E5FF

Triad

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



7CEBFF



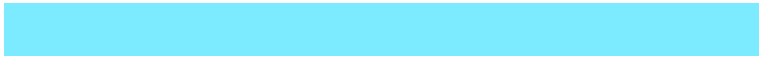
FFC8F5



EBDB9D

Complementary

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



7CEBFF



FF907C

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.



FFD1A3



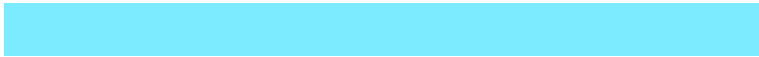
7CEBFF



FFC4D6

Square

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



7CEBFF



E8D1FF



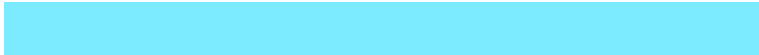
FFC8B8



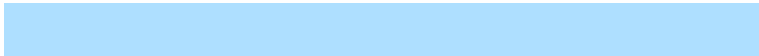
C9E4A8

Rectangle

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



7CEBFF



AEDFFF



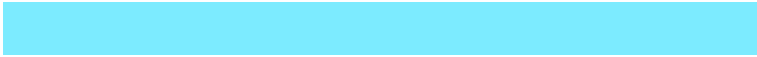
FFC8B8



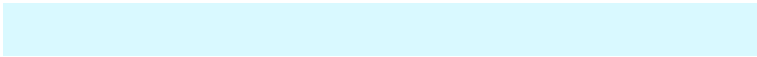
F5D89D

Sweetspot

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



7CEBFF



D9F9FF



7CFF90



697C80



000000



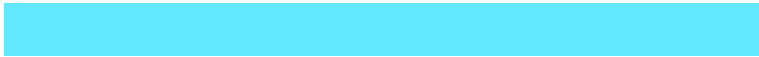
808080

Same Dimension

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



7CEBFF



61E7FF



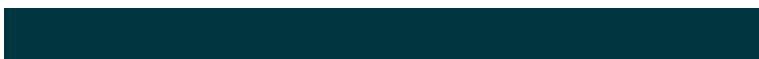
7CAAFF



737E80



00A2BF



003640

Inverse Universe

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



FF7CEB



FF61E7



FFD17C



80737E



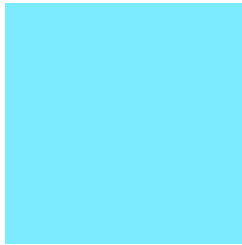
BF00A2



400036

Previews

White Background



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

Color Contrast Check

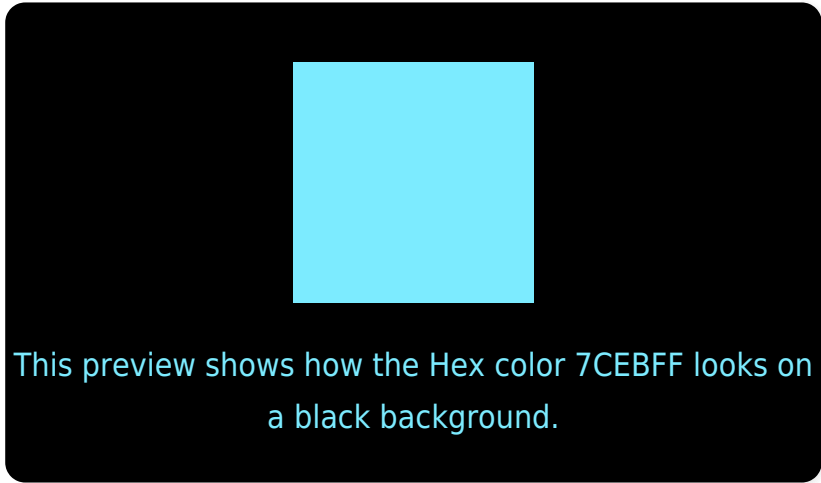
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

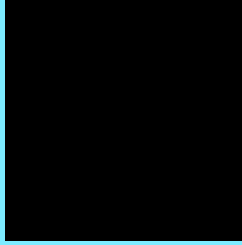
Any Text WCAG AA ✓ Pass

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 7CEBFF Background



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

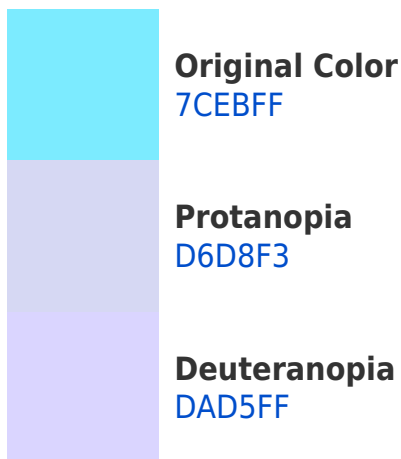


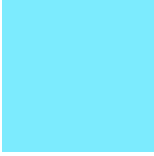
This preview shows how white text looks on a background with the Hex color 7CEBFF.

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



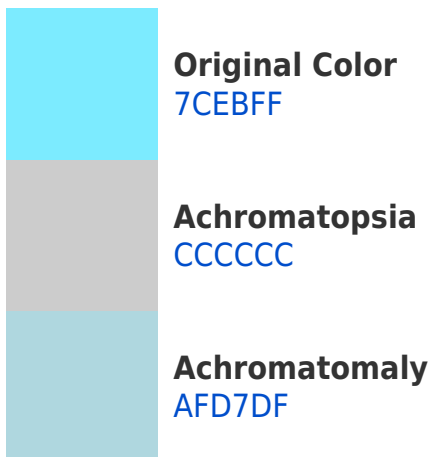


Tritanopia
7CEBFE

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #7CEBFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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