

# Converting Colors

Hex(7ECAFF)

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

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

# **Color**

**Hex(7ECAFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7ECAFF
RGB	126, 202, 255
RGB Percent	49%, 79%, 100%
CMY	0.5059, 0.2078, 0.0000
CMYK	0.51, 0.21, 0.00, 0.00
HSL	205°, 100%, 75%
HSV	205°, 51%, 100%
XYZ	47.7747, 53.8967, 102.4928
YIQ	185.3180, -62.3090, 0.3710

# Conversions

## Conversions Part 2

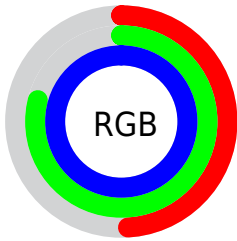
Format	Color
<a href="#">RYB</a>	<a href="#">126, 174, 255</a>
Decimal	<a href="#">8309503</a>
CIELab	<a href="#">78.40, -9.35, -33.25</a>
CIELCh	<a href="#">78, 34.538, 254.285</a>
Yxy	<a href="#">53.8967, 0.2340, 0.2640</a>
Android (android.graphics.Color)	<a href="#">4286499583</a> ( <a href="#">0xFF7ECAFF</a> )
YUV	<a href="#">185.3180, 34.3532, -52.0219</a>
Hunter-Lab	<a href="#">73.4144, -12.3155, -31.3840</a>

# Details

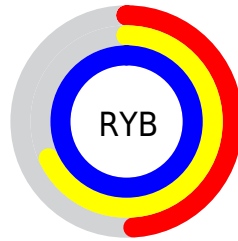
The Hex color **7ECAFF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFB37E**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **B9FFFF**, and **4094C6** is the 20% darker color. If you saturate the color by 10%, you get **65C0FF**, and if you desaturate by 10%, it is **98D4FF**.

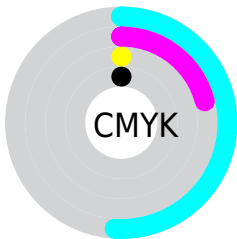
# Distribution



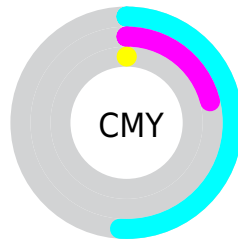
- Red (49%)
- Green (79%)
- Blue (100%)



- Red (49%)
- Yellow (68%)
- Blue (100%)



- Cyan (51%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (21%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 7ECAFF

 7ECAFF

FFFFFF

 60AFE2

 B9FFFF

 4094C6

 D6FFFF

 177AAB


 F5FFFF

 006290

 004A76

 00335D

 001F45

 00042F

 000119

 7ECAFF

 7ECAFF

 65C0FF

 98D4FF

 4BB5FF

 B1DFFF

 31ABFF

 CBE9FF

 18A0FF

 E4F4FF

 0096FF

FEFEFF

FFFFFF

# Harmonies

## Analogous

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



5BD1EE



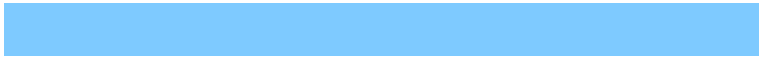
7ECAFF



AEC0FF

# Triad

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



7ECAFF



FFAAB4



A5CD93

# Complementary

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



7ECAFF



FFB37E

# 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.



C9C583



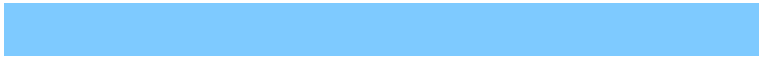
7ECAFF



FCB097

# Square

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



7ECAFF



F7ACD4



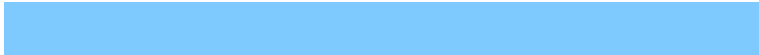
E7BA85



7FD2B0

# Rectangle

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



7ECAFF



CCB8F7



E7BA85

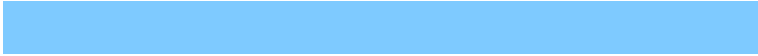


B1CB8C

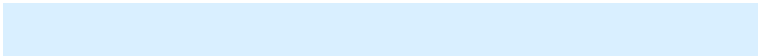


# Sweetspot

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



7ECAFF



D9EFFF



7EFFB2



697680



000000

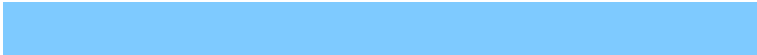


808080

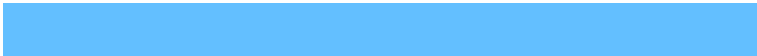


# Same Dimension

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



7ECAFF



63BFFF



7E8BFF



737A80



0071BF



002640



# Inverse Universe

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



FF7ECA



FF63BF



FFF27E



80737A



BF0071

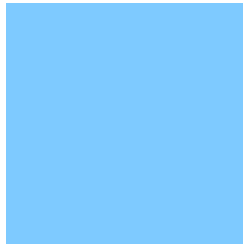


400026



# Previews

## White Background



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

## Color Contrast Check

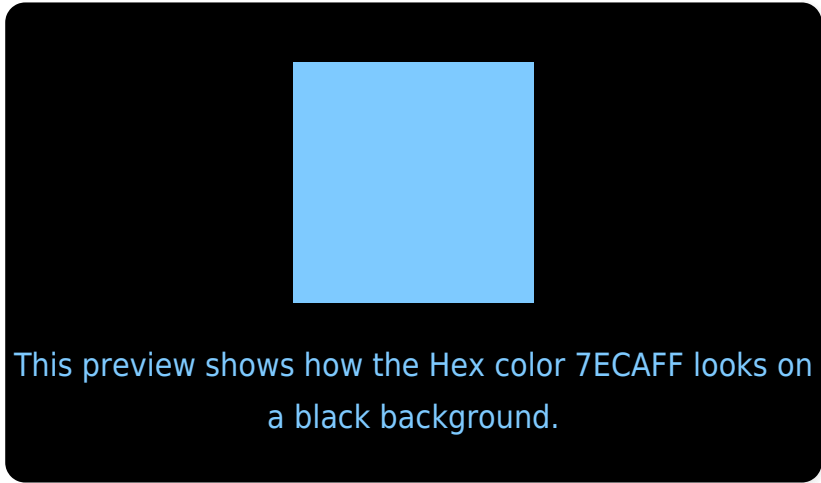
Large Text (above 18pt) WCAG AA × Fail

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

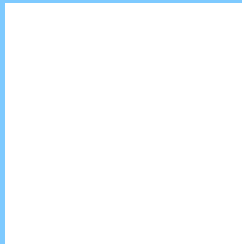
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7ECAFF Background



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

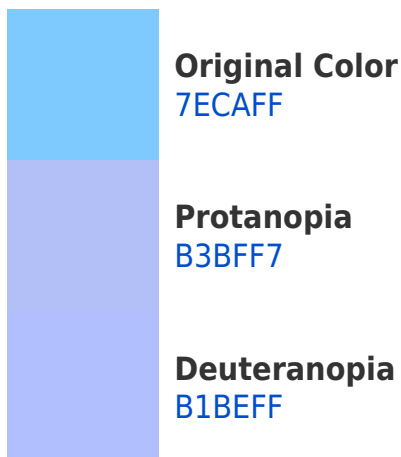


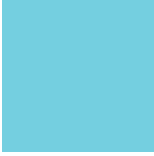
This preview shows how white text looks on a background with the Hex color 7ECAFF.

# 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](#).

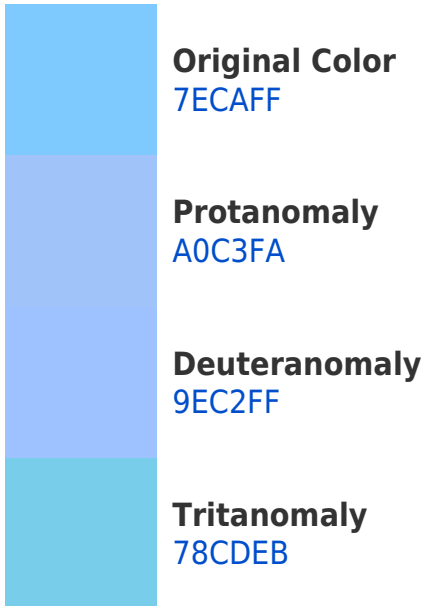
## Dichromacy



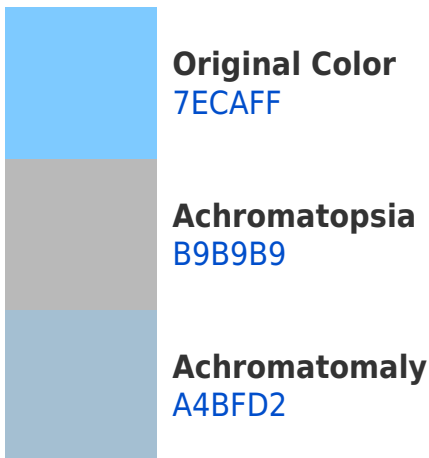


**Tritanopia**  
74CFE0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #7ECAFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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