

# Converting Colors

Hex(7AEBF5)

Have a look what the booklet for  
Hex(7AEBF5) contains.

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# **Color**

**Hex(7AEBF5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AEBF5
RGB	122, 235, 245
RGB Percent	48%, 92%, 96%
CMY	0.5216, 0.0784, 0.0392
CMYK	0.50, 0.04, 0.00, 0.04
HSL	185°, 86%, 72%
HSV	185°, 50%, 96%
XYZ	54.2158, 70.1468, 97.0684
YIQ	202.3530, -70.5580, -20.8460

# Conversions

## Conversions Part 2

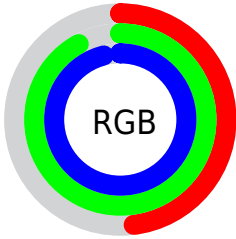
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 181, 245
Decimal	8055797
CIE <sub>Lab</sub>	87.07, -29.60, -14.78
CIE <sub>LCh</sub>	87, 33.082, 206.542
Yxy	70.1468, 0.2448, 0.3168
Android (android.graphics.Color)	4286245877 (0xFF7AEBF5)
YUV	202.3530, 21.0250, -70.4696
Hunter-Lab	83.7537, -31.0216, -10.0880

# Details

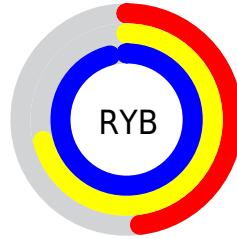
The Hex color **7AEBF5** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F5847A**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **B6FFFF**, and **39B3BD** is the 20% darker color. If you saturate the color by 10%, you get **62E9F5**, and if you desaturate by 10%, it is **93EDF5**.

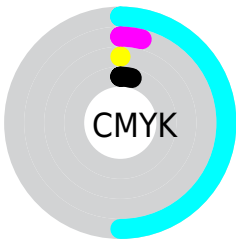
# Distribution



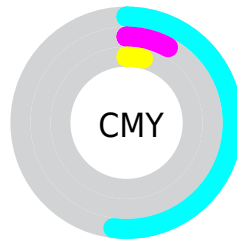
- Red (48%)
- Green (92%)
- Blue (96%)



- Red (48%)
- Yellow (71%)
- Blue (96%)



- Cyan (50%)
- Magenta (4%)
- Yellow (0%)
- Black (4%)



- Cyan (52%)
- Magenta (8%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AEBF5 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 7AEBF5 by changing the saturation by 10% instead.



 7AEBF5

 7AEBF5


FFFFFF

 5BCFD9

 B6FFFF

 39B3BD

 D4FFFF

 0098A2

 F2FFFF

 007E88

 00646E

 004C56

 00343F

 002129

 000114

 7AEBF5

 7AEBF5

 62E9F5

 93EDF5

 49E7F5

 ABEFF5

 30E5F5

 C4F1F5

 18E3F5

 DCF3F5

 00E1F5

 F5F5F5

 FFF7F5

 FFF9F5

 FFFBF5

 FFFDF5

# Harmonies

## Analogous

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



8DEBD5



7AEBF5



86E6FF

# Triad

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



7AEBF5



FFC9FD



F4D79C

# Complementary

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



7AEBF5



F5847A

# 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.



FFCCA7



7AEBF5



FFC3DF

# Square

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



7AEBF5



DAD3FF



FFC5C0



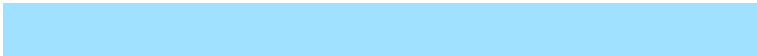
D3E1A1

# Rectangle

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



7AEBF5



9FE1FF



FFC5C0



FED39D

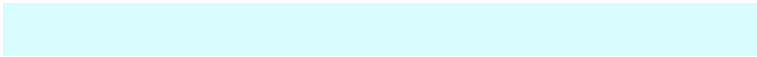


# Sweetspot

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



7AEBF5



D9FCFF



7AF582



697E80



000000



808080



# Same Dimension

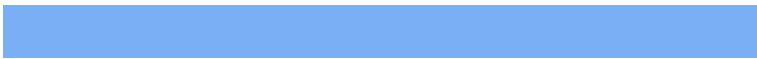
The Same Dimension uses a secret algorithm to generate beautiful new colors.



7AEBF5



66F3FF



7A AFF5



6E797A



00ABBA



00363B



# Inverse Universe

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



F57AEB



FF66F3



F5C07A



7A6E79



BA00AB

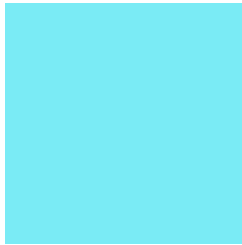


3B0036



# Previews

## White Background



This preview shows how the Hex color 7AEBF5 looks on a white background.

## Color Contrast Check

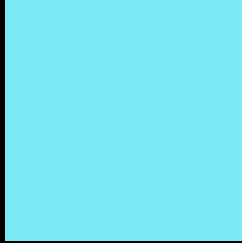
Large Text (above 18pt) WCAG AA × Fail

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 7AEBF5 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 7AEBF5 Background



This preview shows how black text looks on a background with the Hex color 7AEBF5.

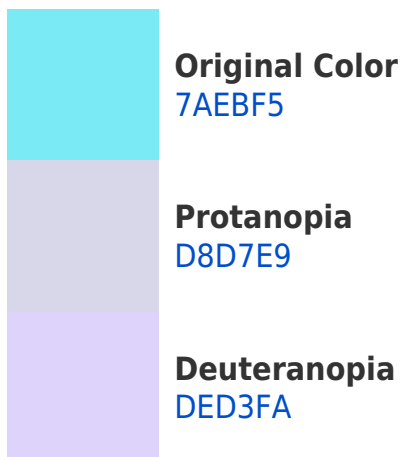


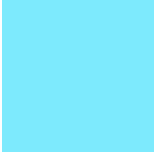
This preview shows how white text looks on a background with the Hex color 7AEBF5.

# 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](#).

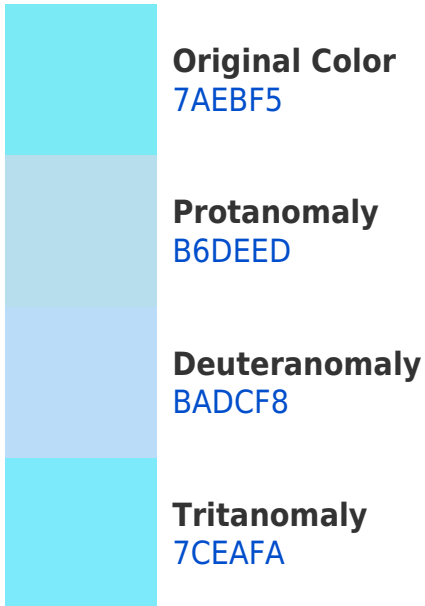
## Dichromacy



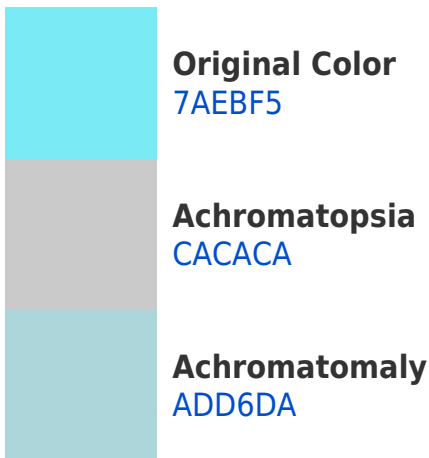


**Tritanopia**  
7DEAFD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AEBF5 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 #7AEBF5 looks like.

```
.text, #text, p{  
    color:#7AEBF5  
}
```

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 #7AEBF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AEBF5  
}
```

## Border

The CSS property to change the border of an element to Hex 7AEBF5 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  
#7AEBF5 }
```

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

```
.border{ border-color:#7AEBF5 }
```

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

Here you see how a box with a 4 pixel #7AEBF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AEBF5; -webkit-box-shadow:4px 4px  
4px 4px #7AEBF5; box-shadow:4px 4px 4px  
4px #7AEBF5 }
```

# Background

The CSS property to change the background color of an element to Hex 7AEBF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AEBF5 }
```

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

```
.background{ background-color:#7AEBF5 }
```

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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