

# Converting Colors

Hex(7EBCDE)

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

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# **Color**

**Hex(7EBCDE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EBCDE
RGB	126, 188, 222
RGB Percent	49%, 74%, 87%
CMY	0.5059, 0.2627, 0.1294
CMYK	0.43, 0.15, 0.00, 0.13
HSL	201°, 59%, 68%
HSV	201°, 43%, 87%
XYZ	39.7722, 45.6760, 75.8274
YIQ	173.3380, -47.8660, -2.5700

# Conversions

## Conversions Part 2

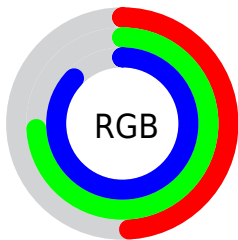
Format	Color
R <sub>YB</sub>	126, 164, 222
Decimal	8305886
CIE <sub>Lab</sub>	73.33, -11.08, -23.25
CIE <sub>LCh</sub>	73, 25.757, 244.517
Y <sub>xy</sub>	45.6760, 0.2466, 0.2832
Android (android.graphics.Color)	4286495966 (0xFF7EBCDE)
YUV	173.3380, 23.9904, -41.5154
Hunter-Lab	67.5840, -13.2273, -19.2129

# Details

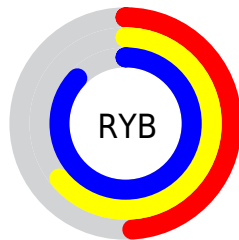
The Hex color **7EBCDE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **DEA07E**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **B6F4FF**, and **4687A7** is the 20% darker color. If you saturate the color by 10%, you get **68B4DE**, and if you desaturate by 10%, it is **94C4DE**.

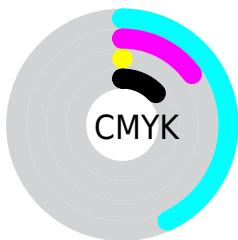
# Distribution



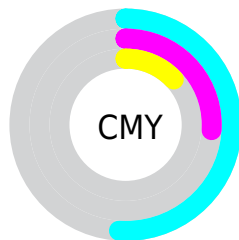
- Red (49%)
- Green (74%)
- Blue (87%)



- Red (49%)
- Yellow (64%)
- Blue (87%)



- Cyan (43%)
- Magenta (15%)
- Yellow (0%)
- Black (13%)



- Cyan (51%)
- Magenta (26%)
- Yellow (13%)

# Brightness & Saturation Gradients

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



 7EBCDE

 7EBCDE

FFFFFF

 62A1C2

 B6F4FF

 4687A7

 D3FFFF

 286D8C

 F1FFFF

 005573

 003E5A

 002842

 00142C

 000117

 000000

 7EBCDE

 7EBCDE

 68B4DE

 94C4DE

 52ACDE

 AACCCDE

 3BA4DE

 C1D4DE

 259DDE

 D7DBDE

 0F95DE

 EDE3DE

 008FDE

 FFE3DE

 FFF3DE

 FFFBDE

 FFFFDE

# Harmonies

## Analogous

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



6FC0CE



7EBCDE



9CB5E3

# Triad

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



7EBCDE



E3A3B1



A8BB8D

# Complementary

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



7EBCDE



DEA07E

# 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.



C2B485



7EBCDE



E3A59A

# Square

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



7EBCDE



D6A6C9



D7AC8A



8DC09F

# Rectangle

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



7EBCDE



B2B0DF



D7AC8A



B1B989

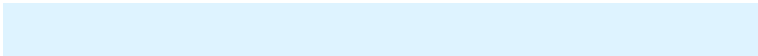


# Sweetspot

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



7EBCDE



DEF3FF



7EDEA0



6B7880



000000



808080

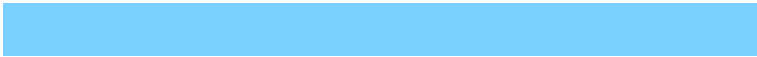


# Same Dimension

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



7EBCDE



7AD0FF



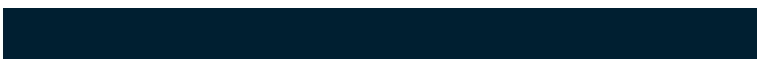
7E8CDE



656C70



0072B0



001F30



# Inverse Universe

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



DE7EBC



FF7AD0



DED07E



70656C



B00072

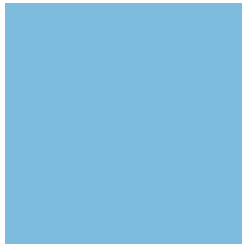


30001F



# Previews

## White Background



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

## Color Contrast Check

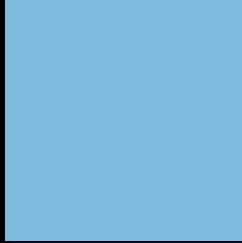
Large Text (above 18pt) WCAG AA × Fail

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 7EBCDE 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 7EBCDE Background



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

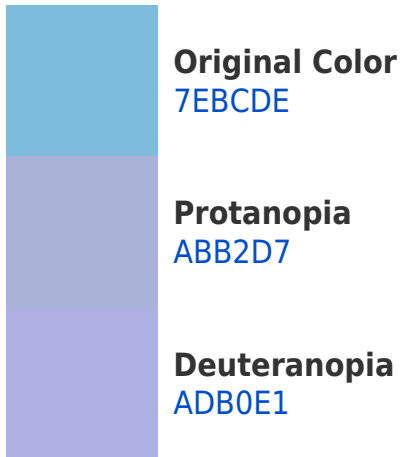


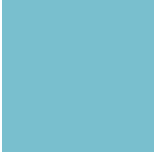
This preview shows how white text looks on a background with the Hex color 7EBCDE.

# 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](#).

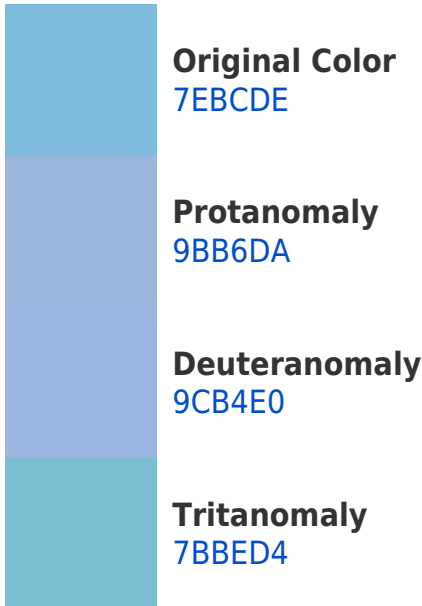
## Dichromacy



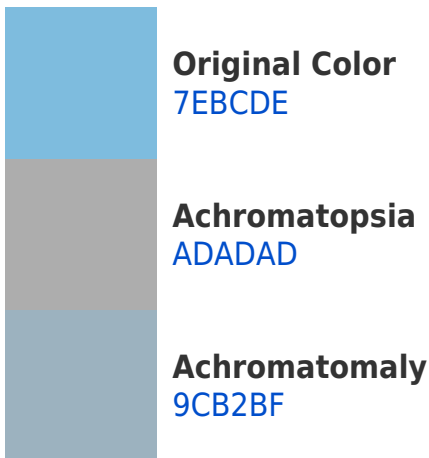


**Tritanopia**  
79BFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #7EBCDE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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