

# Converting Colors

Hex(7EBDDE)

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

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# **Color**

**Hex(7EBDDE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EBDDE
RGB	126, 189, 222
RGB Percent	49%, 74%, 87%
CMY	0.5059, 0.2588, 0.1294
CMYK	0.43, 0.15, 0.00, 0.13
HSL	201°, 59%, 68%
HSV	201°, 43%, 87%
XYZ	39.9866, 46.1047, 75.8988
YIQ	173.9250, -48.1410, -3.0930

# Conversions

## Conversions Part 2

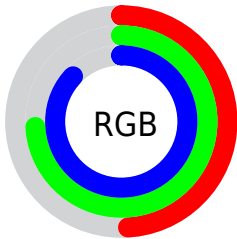
<b>Format</b>	<b>Color</b>
<b>RYB</b>	126, 164, 222
Decimal	8306142
CIELab	73.61, -11.61, -22.83
CIElCh	74, 25.610, 243.037
Yxy	46.1047, 0.2468, 0.2846
Android (android.graphics.Color)	4286496222 (0xFF7EBDDE)
YUV	173.9250, 23.7010, -42.0302
Hunter-Lab	67.9005, -13.7071, -18.7438

# Details

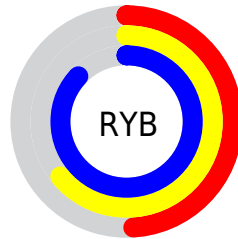
The Hex color **7EBDDE** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **DE9F7E**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **B6F5FF**, and **4688A7** is the 20% darker color. If you saturate the color by 10%, you get **68B5DE**, and if you desaturate by 10%, it is **94C5DE**.

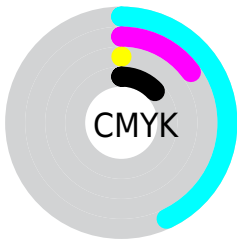
# Distribution



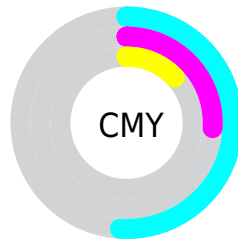
- Red (49%)
- Green (74%)
- Blue (87%)



- 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 7EBDDE 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 7EBDDE by changing the saturation by 10% instead.



7EBDDE

7EBDDE

FFFFFF

62A2C2

B6F5FF

4688A7

D3FFFF

286E8C

F1FFFF

005673

003F5A

002942

00152C

000117

000000

 7EBDDE

 7EBDDE

 68B5DE

 94C5DE

 52AEDE

 AACCCDE

 3BA6DE

 C1D4DE

 259EDE

 D7DCDE

 0F97DE

 EDE3DE

 0092DE

 FFEBDE

 FFF2DE

 FFFADE

 FFFFDE

# Harmonies

## Analogous

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



70C1CE



7EBDDE



9BB6E3

# Triad

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



7EBDDE



E3A4B3



AABB8D

# Complementary

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



7EBDDE



DE9F7E

# 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.



C4B486



7EBDDE



E4A69C

# Square

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



7EBDDE



D5A7CB



D8AC8C



8FC09F

# Rectangle

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



7EBDDE



B1B1E0



D8AC8C



B3B989

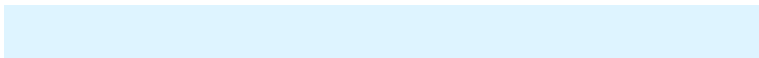


# Sweetspot

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



7EBDDE



DEF4FF



7EDE9E



6B7880



000000



808080

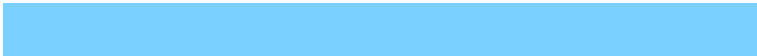


# Same Dimension

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



7EBDDE



7AD1FF



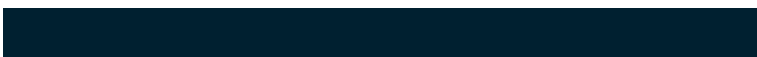
7E8EDE



656C70



0073B0



002030



# Inverse Universe

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



DE7EBD



FF7AD1



DECE7E



70656C



B00073

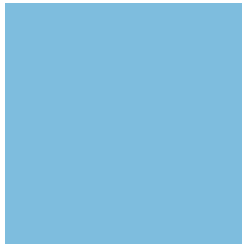


300020



# Previews

## White Background



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

## Color Contrast Check

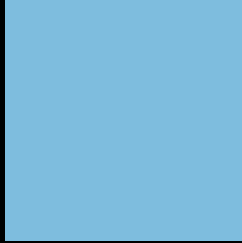
Large Text (above 18pt) WCAG AA × Fail

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 7EBDDE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

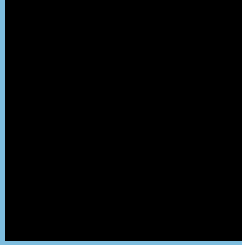
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7EBDDE Background



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



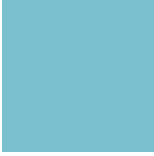
This preview shows how white text looks on a background with the Hex color 7EBDDE.

# Color Blindness Simulation

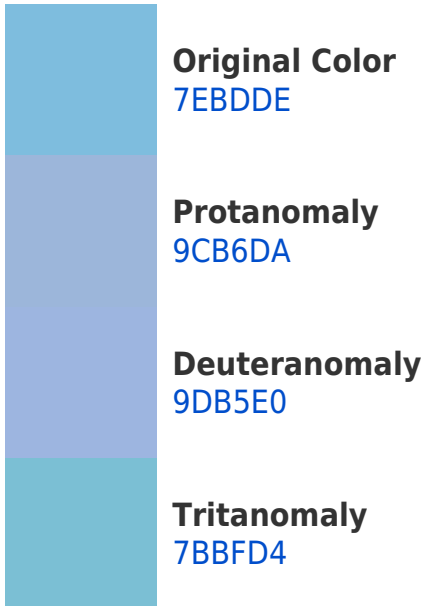
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

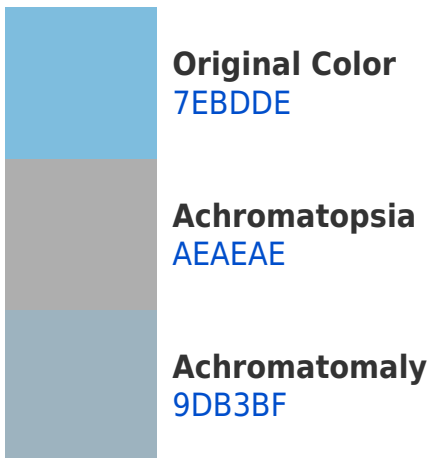




# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #7EBDDE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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