

# Converting Colors

Hex(7BB5ED)

Have a look what the booklet for  
Hex(7BB5ED) contains.

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# **Color**

**Hex(7BB5ED)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 7BB5ED                     |
| RGB         | 123, 181, 237              |
| RGB Percent | 48%, 71%, 93%              |
| CMY         | 0.5176, 0.2902, 0.0706     |
| CMYK        | 0.48, 0.24, 0.00, 0.07     |
| HSL         | 209°, 76%, 71%             |
| HSV         | 209°, 48%, 93%             |
| XYZ         | 39.9783, 43.3731, 86.3855  |
| YIQ         | 170.0420, -52.5440, 5.1200 |

# Conversions

## Conversions Part 2

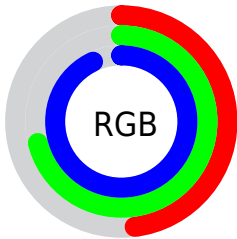
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">123, 161, 237</a>                                |
| Decimal                             | <a href="#">8107501</a>                                      |
| CIELab                              | <a href="#">71.81, -3.85, -33.76</a>                         |
| CIElCh                              | <a href="#">72, 33.977, 263.487</a>                          |
| Yxy                                 | <a href="#">43.3731, 0.2355, 0.2555</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4286297581</a><br>( <a href="#">0xFF7BB5ED</a> ) |
| YUV                                 | <a href="#">170.0420, 33.0103, -41.2558</a>                  |
| Hunter-Lab                          | <a href="#">65.8583, -6.8961, -31.6692</a>                   |

# Details

The Hex color **7BB5ED** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EDB37B**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **B4EDFF**, and **4080B5** is the 20% darker color. If you saturate the color by 10%, you get **63A9ED**, and if you desaturate by 10%, it is **93C1ED**.

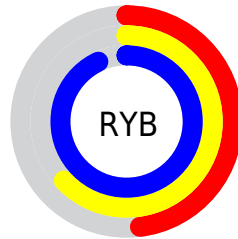
# Distribution



Red (48%)

Green (71%)

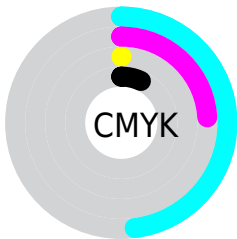
Blue (93%)



Red (48%)

Yellow (63%)

Blue (93%)

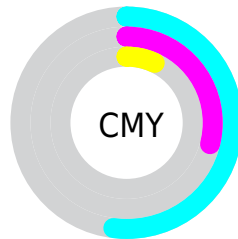


Cyan (48%)

Magenta (24%)

Yellow (0%)

Black (7%)



Cyan (52%)

Magenta (29%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BB5ED 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 7BB5ED by changing the saturation by 10% instead.



 7BB5ED

 7BB5ED

FFFFFF

 5E9AD1

 B4EDFF

 4080B5

 D2FFFF

 1D679A

 EFFFFFF

 005080

 003966

 00244E

 000E37

 000221

 000006

 7BB5ED

 7BB5ED

 63A9ED

 93C1ED

 4C9EED

 AACCED

 3492ED

 C2D8ED

 1C86ED

 DAE4ED

 047BED

 F2EFED

 0079ED

 FFFBED

 FFFFED

# Harmonies

## Analogous

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



4FBDE1



7BB5ED



ABAAE9

# Triad

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



7BB5ED



ED9A99



88BD8A

# Complementary

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



7BB5ED



EDB37B

# 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.



ACB676



7BB5ED



E3A17F

# Square

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



7BB5ED



E899B8



CBAC72



63C0A8

# Rectangle

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



7BB5ED



C6A3DD



CBAC72



95BB82

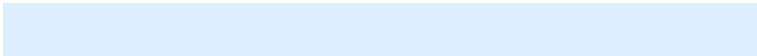


# Sweetspot

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



7BB5ED



DBEDFF



7BEDB2



6A7580



000000



808080

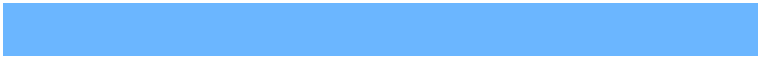


# Same Dimension

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



7BB5ED



6BB6FF



7B7DED



6A7075



005CB5



001B36



# Inverse Universe

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



ED7BB5



FF6BB6



EDEB7B



756A70



B5005C

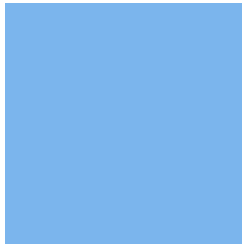


36001B



# Previews

## White Background



This preview shows how the Hex color 7BB5ED 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 7BB5ED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

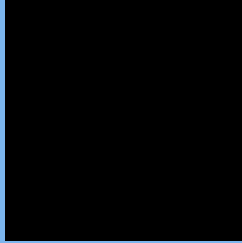
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7BB5ED Background



This preview shows how black text looks on a background with the Hex color 7BB5ED.

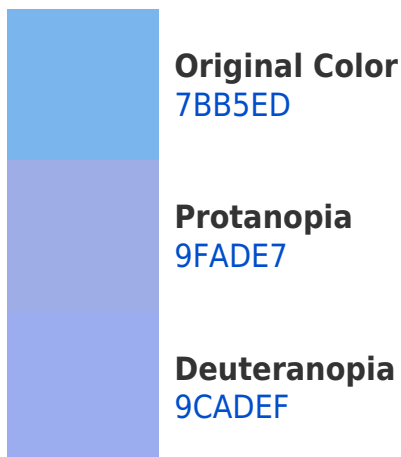


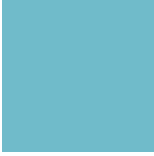
This preview shows how white text looks on a background with the Hex color 7BB5ED.

# 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](#).

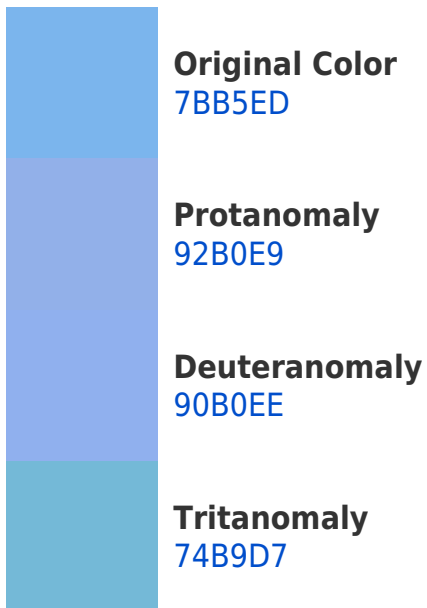
## Dichromacy



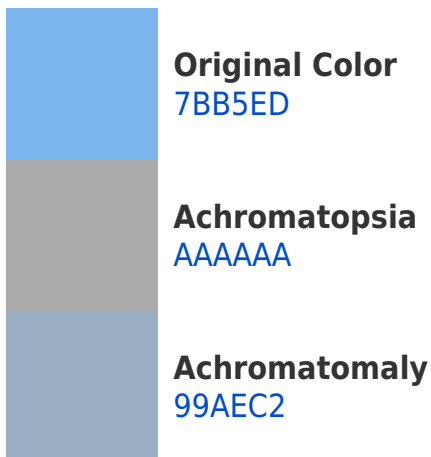


**Tritanopia**  
70BBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BB5ED 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 #7BB5ED looks like.

```
.text, #text, p{  
    color:#7BB5ED  
}
```

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 #7BB5ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BB5ED
}
```

## Border

The CSS property to change the border of an element to Hex 7BB5ED 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
#7BB5ED }
```

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

```
.border{ border-color:#7BB5ED }
```

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

Here you see how a box with a 4 pixel #7BB5ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BB5ED; -webkit-box-shadow:4px 4px  
4px 4px #7BB5ED; box-shadow:4px 4px 4px  
4px #7BB5ED }
```

# Background

The CSS property to change the background color of an element to Hex 7BB5ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BB5ED }
```

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

```
.background{ background-color:#7BB5ED }
```

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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