

# Converting Colors

Hex(73B7EE)

Have a look what the booklet for  
Hex(73B7EE) contains.

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# **Color**

**Hex(73B7EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73B7EE
RGB	115, 183, 238
RGB Percent	45%, 72%, 93%
CMY	0.5490, 0.2824, 0.0667
CMYK	0.52, 0.23, 0.00, 0.07
HSL	207°, 78%, 69%
HSV	207°, 52%, 93%
XYZ	39.4363, 43.6849, 87.2424
YIQ	168.9380, -58.1830, 2.6890

# Conversions

## Conversions Part 2

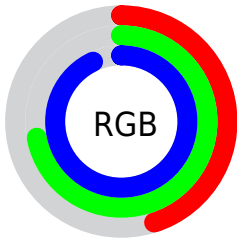
Format	Color
R <sub>Y</sub> B	115, 159, 238
Decimal	7583726
CIE Lab	72.02, -6.46, -34.01
CIE LCh	72, 34.614, 259.245
Yxy	43.6849, 0.2315, 0.2564
Android (android.graphics.Color)	4285773806 (0xFF73B7EE)
YUV	168.9380, 34.0476, -47.3036
Hunter-Lab	66.0945, -9.1606, -31.9945

# Details

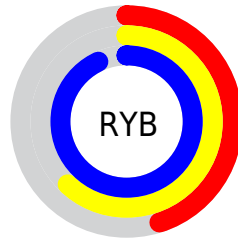
The Hex color **73B7EE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EEAA73**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **ADEFFF**, and **3582B6** is the 20% darker color. If you saturate the color by 10%, you get **5BACEE**, and if you desaturate by 10%, it is **8BC2EE**.

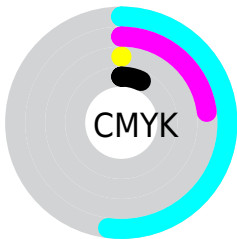
# Distribution



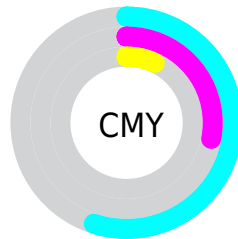
- Red (45%)
- Green (72%)
- Blue (93%)



- Red (45%)
- Yellow (62%)
- Blue (93%)



- Cyan (52%)
- Magenta (23%)
- Yellow (0%)
- Black (7%)



- Cyan (55%)
- Magenta (28%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73B7EE 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 73B7EE by changing the saturation by 10% instead.



 73B7EE

 73B7EE

FFFFFF

 559CD2

 ADEFFF

 3582B6

 CAFFFF

 02699B

 E8FFFF

 005181

 003A67

 00254F

 001038

 000222

 000007

 73B7EE

 73B7EE

 5BACEE

 8BC2EE

 43A2EE

 A3CCEE

 2C97EE

 BAD7EE

 148CEE

 D2E2EE

 0084EE

 EAECEE

 FFF7EE

 FFFFEE

# Harmonies

## Analogous

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



48BEDF



73B7EE



A4ACEC

# Triad

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



73B7EE



EF999D



8DBD86

# Complementary

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



73B7EE



EEA733

# 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.



B1B574



73B7EE



E6A082

# Square

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



73B7EE



E79ABD



D0AB73



67C1A4

# Rectangle

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



73B7EE



C1A5E2



D0AB73



9ABA7F

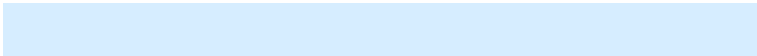


# Sweetspot

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



73B7EE



D6EDFF



73EEA8



677580



000000



808080



# Same Dimension

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



73B7EE



61B8FF



737BEE



6C7278



0066B8



001F38



# Inverse Universe

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



EE73B7



FF61B8



EEE673



786C72



B80066

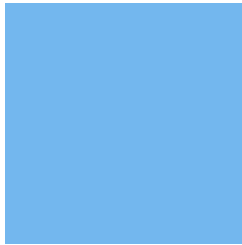


38001F



# Previews

## White Background



This preview shows how the Hex color 73B7EE looks on a white background.

## Color Contrast Check

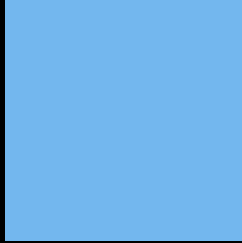
Large Text (above 18pt) WCAG AA × Fail

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 73B7EE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

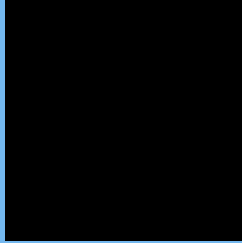
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

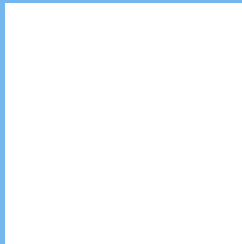
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 73B7EE Background



This preview shows how black text looks on a background with the Hex color 73B7EE.

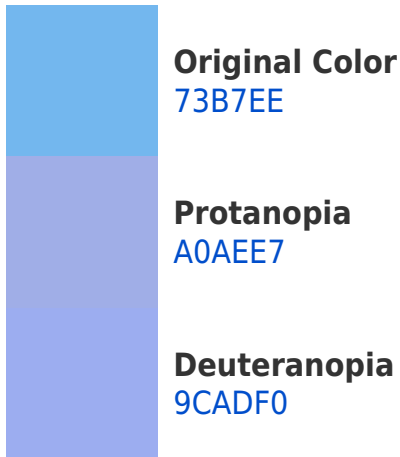


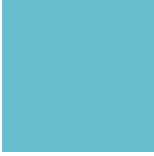
This preview shows how white text looks on a background with the Hex color 73B7EE.

# Color Blindness Simulation

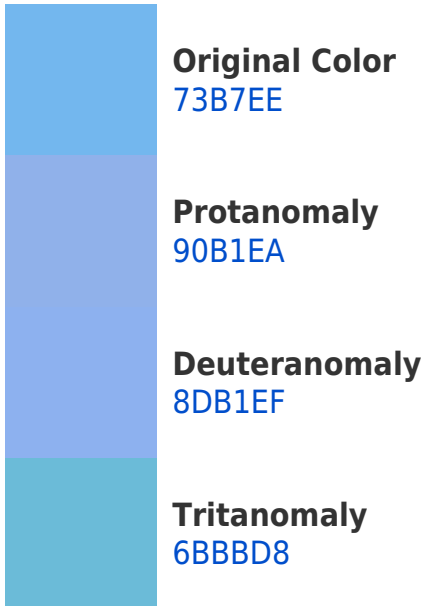
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

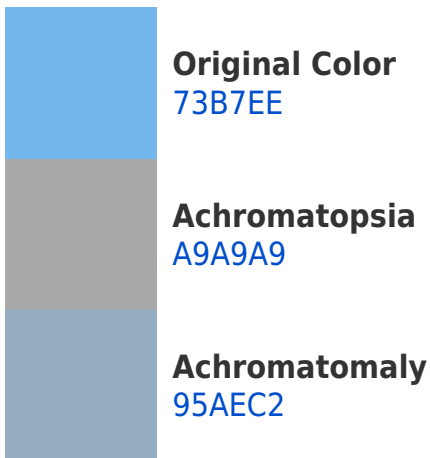




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73B7EE 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 #73B7EE looks like.

```
.text, #text, p{  
    color:#73B7EE  
}
```

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 #73B7EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73B7EE  
}
```

## Border

The CSS property to change the border of an element to Hex 73B7EE 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  
#73B7EE }
```

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

```
.border{ border-color:#73B7EE }
```

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

Here you see how a box with a 4 pixel #73B7EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73B7EE; -webkit-box-shadow:4px 4px  
4px 4px #73B7EE; box-shadow:4px 4px 4px  
4px #73B7EE }
```

# Background

The CSS property to change the background color of an element to Hex 73B7EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73B7EE }
```

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

```
.background{ background-color:#73B7EE }
```

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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