

# Converting Colors

Hex(71B6EC)

Have a look what the booklet for  
Hex(71B6EC) contains.

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# **Color**

**Hex(71B6EC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71B6EC
RGB	113, 182, 236
RGB Percent	44%, 71%, 93%
CMY	0.5569, 0.2863, 0.0745
CMYK	0.52, 0.23, 0.00, 0.07
HSL	206°, 76%, 68%
HSV	206°, 52%, 93%
XYZ	38.6783, 43.0227, 85.6225
YIQ	167.5250, -58.4580, 2.1660

# Conversions

## Conversions Part 2

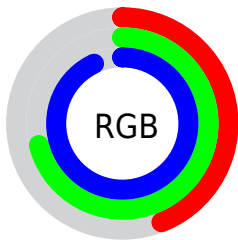
Format	Color
<a href="#">RYB</a>	113, 157, 236
Decimal	7452396
CIELab	71.57, -6.94, -33.62
CIELCh	72, 34.328, 258.341
Yxy	43.0227, 0.2312, 0.2571
Android (android.graphics.Color)	4285642476 (0xFF71B6EC)
YUV	167.5250, 33.7582, -47.8184
Hunter-Lab	65.5917, -9.5271, -31.4822

# Details

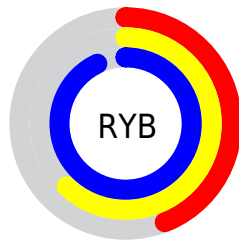
The Hex color **71B6EC** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **ECA771**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **ABEEFF**, and **3381B4** is the 20% darker color. If you saturate the color by 10%, you get **59ACEC**, and if you desaturate by 10%, it is **89C0EC**.

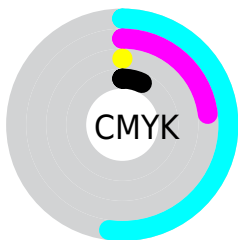
# Distribution



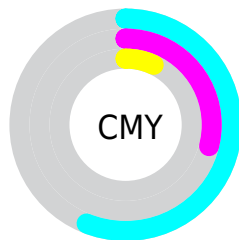
- Red (44%)
- Green (71%)
- Blue (93%)



- Red (44%)
- Yellow (62%)
- Blue (93%)



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



- Cyan (56%)
- Magenta (29%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71B6EC 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 71B6EC by changing the saturation by 10% instead.



 71B6EC

 71B6EC

FFFFFF

 539BD0

 ABEEFF

 3381B4

 C8FFFF

 006899

 E6FFFF

 00507F

 003A66

 00244D

 000F36

 000220

 000004

 71B6EC

 71B6EC

 59ACEC

 89C0EC

 42A1EC

 A0CBEC

 2A97EC

 B8D5EC

 138DEC

 CFDFEC

 0084EC

 E7EAEC

 FFF4EC

 FFFFEC

# Harmonies

## Analogous

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



47BDDD



71B6EC



A2ACEB

# Triad

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



71B6EC



ED989D



8EBB85

# Complementary

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



71B6EC



ECA771

# 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.



B1B373



71B6EC



E59F82

# Square

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



71B6EC



E599BD



D0A972



68C0A2

# Rectangle

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



71B6EC



BFA4E1



D0A972



9AB97D

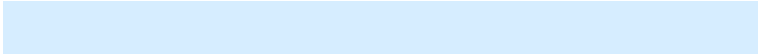


# Sweetspot

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



71B6EC



D6EDFF



71ECA6



677580



000000



808080

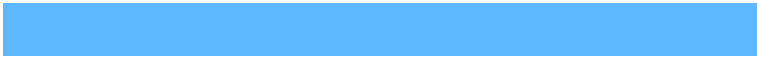


# Same Dimension

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



71B6EC



5EB8FF



7179EC



6A7075



0066B5



001E36



# Inverse Universe

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



EC71B6



FF5EB8



ECE471



756A70



B50066

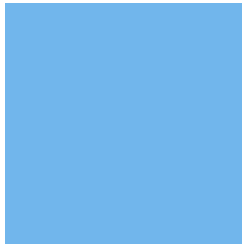


36001E



# Previews

## White Background



This preview shows how the Hex color 71B6EC looks on a white background.

## Color Contrast Check

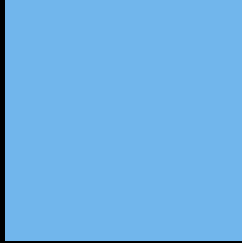
Large Text (above 18pt) WCAG AA × Fail

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 71B6EC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

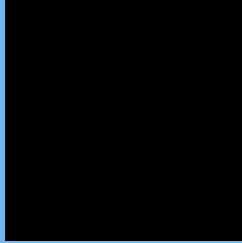
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 71B6EC Background



This preview shows how black text looks on a background with the Hex color 71B6EC.

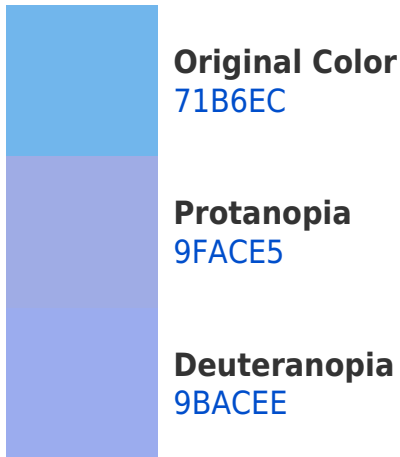


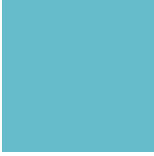
This preview shows how white text looks on a background with the Hex color 71B6EC.

# 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



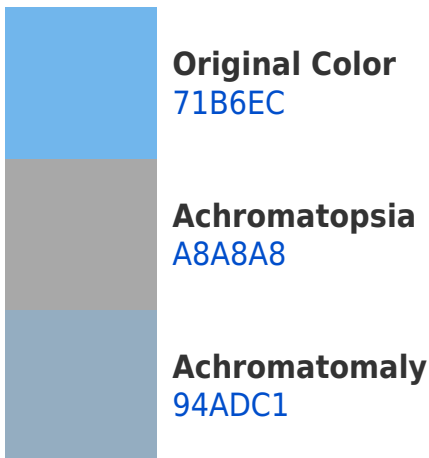


**Tritanopia**  
66BCCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71B6EC 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 #71B6EC looks like.

```
.text, #text, p{  
    color:#71B6EC  
}
```

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 #71B6EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71B6EC  
}
```

## Border

The CSS property to change the border of an element to Hex 71B6EC 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  
#71B6EC }
```

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

```
.border{ border-color:#71B6EC }
```

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

Here you see how a box with a 4 pixel #71B6EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71B6EC; -webkit-box-shadow:4px 4px  
4px 4px #71B6EC; box-shadow:4px 4px 4px  
4px #71B6EC }
```

# Background

The CSS property to change the background color of an element to Hex 71B6EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71B6EC }
```

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

```
.background{ background-color:#71B6EC }
```

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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