

# Converting Colors

Hex(71B4E3)

Have a look what the booklet for  
Hex(71B4E3) contains.

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# **Color**

**Hex(71B4E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71B4E3
RGB	113, 180, 227
RGB Percent	44%, 71%, 89%
CMY	0.5569, 0.2941, 0.1098
CMYK	0.50, 0.21, 0.00, 0.11
HSL	205°, 67%, 67%
HSV	205°, 50%, 89%
XYZ	36.9964, 41.6993, 78.7719
YIQ	165.3250, -55.0190, 0.4130

# Conversions

## Conversions Part 2

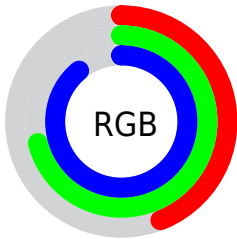
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 155, 227
Decimal	7451875
CIE <sub>Lab</sub>	70.66, -8.48, -30.12
CIE <sub>LCh</sub>	71, 31.293, 254.283
Yxy	41.6993, 0.2349, 0.2648
Android (android.graphics.Color)	4285641955 (0xFF71B4E3)
YUV	165.3250, 30.4058, -45.8890
Hunter-Lab	64.5750, -10.7396, -27.1225

# Details

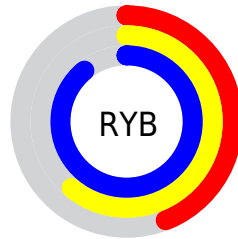
The Hex color **71B4E3** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E3A071**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **AAECFF**, and **357FAB** is the 20% darker color. If you saturate the color by 10%, you get **5AABE3**, and if you desaturate by 10%, it is **88BDE3**.

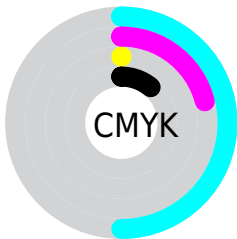
# Distribution



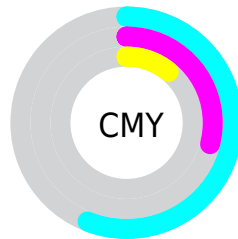
- Red (44%)
- Green (71%)
- Blue (89%)



- Red (44%)
- Yellow (61%)
- Blue (89%)



- Cyan (50%)
- Magenta (21%)
- Yellow (0%)
- Black (11%)



- Cyan (56%)
- Magenta (29%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71B4E3 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 71B4E3 by changing the saturation by 10% instead.



71B4E3

71B4E3

FFFFFF

5499C7

AAECFF

357FAB

C7FFFF

076691

E5FFFF

004E77

00385E

002246

000830

00011A

000000

■ 71B4E3

■ 71B4E3

■ 5AABE3

■ 88BDE3

■ 44A1E3

■ 9EC7E3

■ 2D98E3

■ B5D0E3

■ 168FE3

■ CCD9E3

■ 0085E3

■ E3E3E3

■ F9ECE3

■ FFF6E3

■ FFFFE3

# Harmonies

## Analogous

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



52BAD4



71B4E3



9CABE4

# Triad

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



71B4E3



E698A0



93B783

# Complementary

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



71B4E3



E3A071

# 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.



B3AF75



71B4E3



E09D86

# Square

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



71B4E3



DC99BD



CEA676



72BB9D

# Rectangle

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



71B4E3



B6A4DC



CEA676



9EB57D

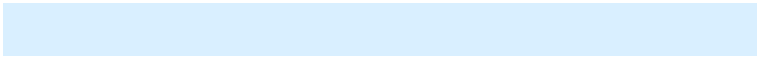


# Sweetspot

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



71B4E3



D9EFFF



71E39F



697680



000000



808080

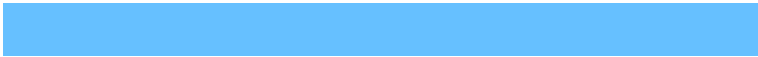


# Same Dimension

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



71B4E3



66C0FF



717CE3



676E73



0069B3



001E33



# Inverse Universe

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



E371B4



FF66C0



E3D871



73676E



B30069



33001E



# Previews

## White Background



This preview shows how the Hex color 71B4E3 looks on a white background.

## Color Contrast Check

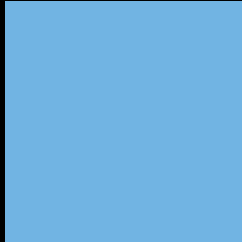
Large Text (above 18pt) WCAG AA × Fail

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 71B4E3 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

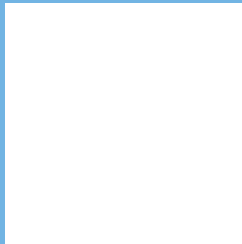
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 71B4E3 Background



This preview shows how black text looks on a background with the Hex color 71B4E3.

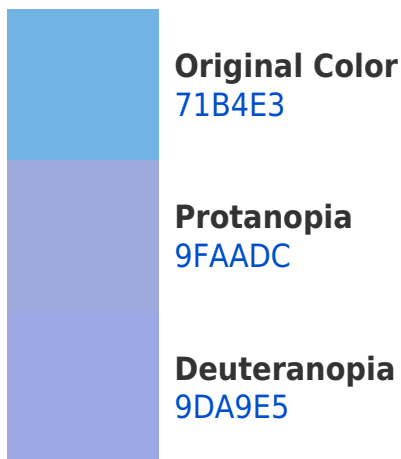


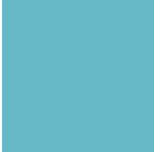
This preview shows how white text looks on a background with the Hex color 71B4E3.

# 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](#).

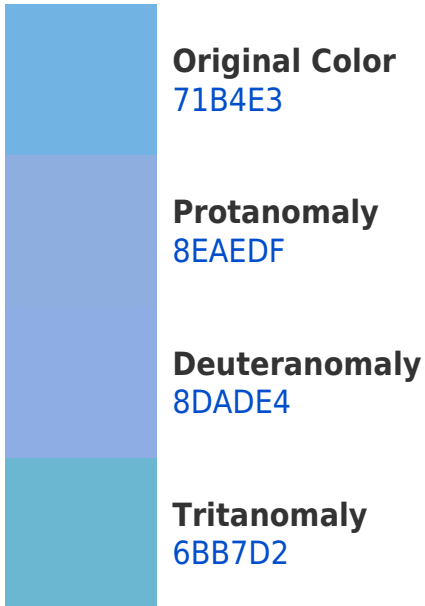
## Dichromacy



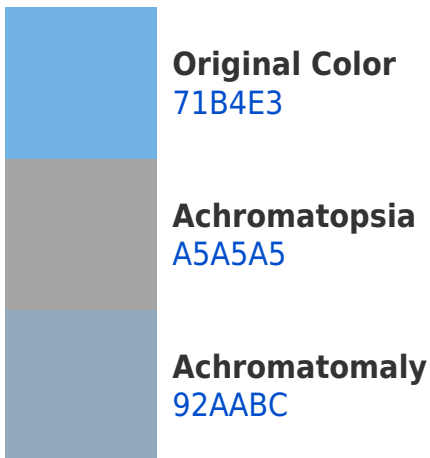


**Tritanopia**  
68B9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71B4E3 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 #71B4E3 looks like.

```
.text, #text, p{  
    color:#71B4E3  
}
```

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 #71B4E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71B4E3
}
```

## Border

The CSS property to change the border of an element to Hex 71B4E3 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
#71B4E3 }
```

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

```
.border{ border-color:#71B4E3 }
```

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

Here you see how a box with a 4 pixel #71B4E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71B4E3; -webkit-box-shadow:4px 4px  
4px 4px #71B4E3; box-shadow:4px 4px 4px  
4px #71B4E3 }
```

# Background

The CSS property to change the background color of an element to Hex 71B4E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71B4E3 }
```

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

```
.background{ background-color:#71B4E3 }
```

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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