

Converting Colors

Hex(70B8E9)

Have a look what the booklet for
Hex(70B8E9) contains.

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Color

Hex(70B8E9)

Conversions

Conversions Part 1

Format	Color
Hex	70B8E9
RGB	112, 184, 233
RGB Percent	44%, 72%, 91%
CMY	0.5608, 0.2784, 0.0863
CMYK	0.52, 0.21, 0.00, 0.09
HSL	204°, 73%, 68%
HSV	204°, 52%, 91%
XYZ	38.5306, 43.6089, 83.4774
YIQ	168.0580, -58.6410, -0.0250

Conversions

Conversions Part 2

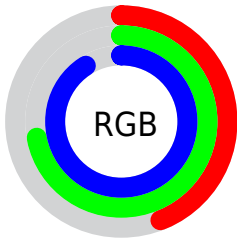
Format	Color
RYB	112, 157, 233
Decimal	7387369
CIELab	71.97, -9.12, -31.38
CIElCh	72, 32.680, 253.802
Yxy	43.6089, 0.2326, 0.2633
Android (android.graphics.Color)	4285577449 (0xFF70B8E9)
YUV	168.0580, 32.0164, -49.1629
Hunter-Lab	66.0370, -11.4156, -28.7225

Details

The Hex color **70B8E9** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E9A170**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **AAF0FF**, and **3283B1** is the 20% darker color. If you saturate the color by 10%, you get **59AFE9**, and if you desaturate by 10%, it is **87C1E9**.

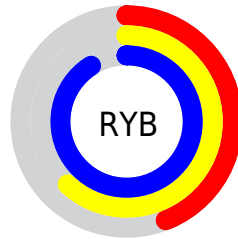
Distribution



Red (44%)

Green (72%)

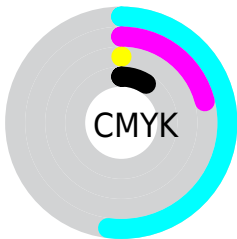
Blue (91%)



Red (44%)

Yellow (62%)

Blue (91%)

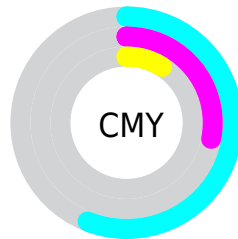


Cyan (52%)

Magenta (21%)

Yellow (0%)

Black (9%)



Cyan (56%)

Magenta (28%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70B8E9 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 70B8E9 by changing the saturation by 10% instead.

 70B8E9

 70B8E9

FFFFFF

 529DCD

 AAF0FF

 3283B1

 C7FFFF

 006A96

 E5FFFF

 00527C

 003B63

 00264B

 001134

 00021E

 000001

■ 70B8E9

■ 70B8E9

■ 59AFE9

■ 87C1E9

■ 41A5E9

■ 9FCBE9

■ 2A9CE9

■ B6D4E9

■ 1392E9

■ CDDEE9

■ 008BE9

■ E5E7E9

■ FCF1E9

■ FFFAE9

■ FFFFEE9

Harmonies

Analogous

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



4FBED9



70B8E9



9DAFEA

Triad

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



70B8E9



EC9AA4



96BB84

Complementary

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



70B8E9



E9A170

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.



B7B376



70B8E9



E69F88

Square

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



70B8E9



E19CC2



D3A978



72C09F

Rectangle

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



70B8E9



B9A7E2



D3A978



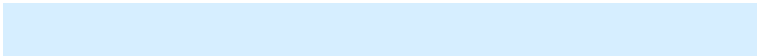
A1B97E

Sweetspot

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



70B8E9



D6EEFF



70E9A0



677680



000000



808080

Same Dimension

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



70B8E9



61BFFF



707CE9



6A7175



006CB5



002036

Inverse Universe

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



E970B8



FF61BF



E9DD70



756A71



B5006C



360020

Previews

White Background



This preview shows how the Hex color 70B8E9 looks on a white background.

Color Contrast Check

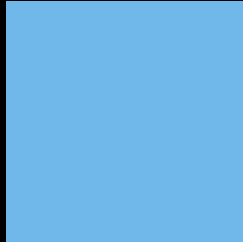
Large Text (above 18pt) WCAG AA × Fail

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 70B8E9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

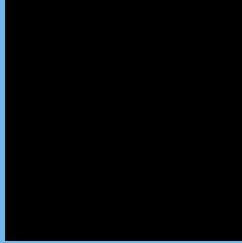
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

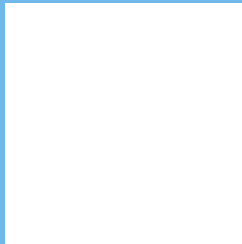
Any Text WCAG AAA ✓ Pass

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

Hex 70B8E9 Background



This preview shows how black text looks on a background with the Hex color 70B8E9.

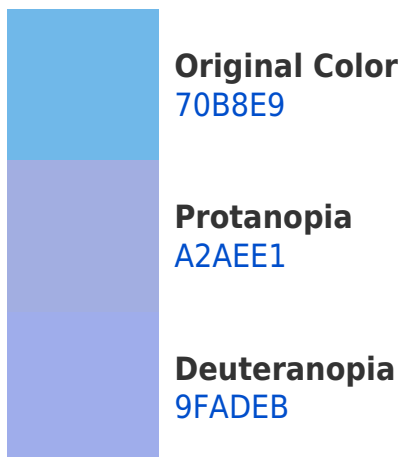


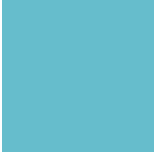
This preview shows how white text looks on a background with the Hex color 70B8E9.

Color Blindness Simulation

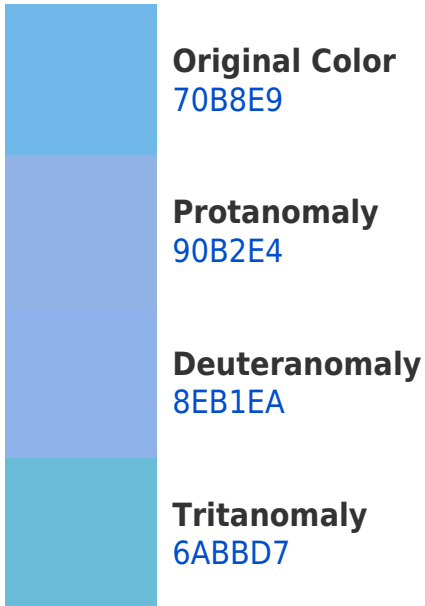
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

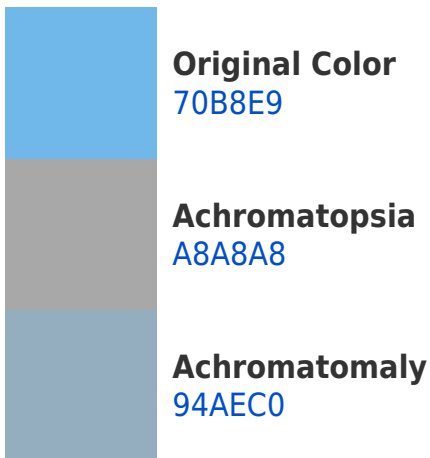




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70B8E9 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 #70B8E9 looks like.

```
.text, #text, p{  
    color:#70B8E9  
}
```

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 #70B8E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70B8E9
}
```

Border

The CSS property to change the border of an element to Hex 70B8E9 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
#70B8E9 }
```

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

```
.border{ border-color:#70B8E9 }
```

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

Here you see how a box with a 4 pixel #70B8E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70B8E9; -webkit-box-shadow:4px 4px  
4px 4px #70B8E9; box-shadow:4px 4px 4px  
4px #70B8E9 }
```

Background

The CSS property to change the background color of an element to Hex 70B8E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70B8E9 }
```

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

```
.background{ background-color:#70B8E9 }
```

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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