

Converting Colors

Hex(73B0E8)

Have a look what the booklet for
Hex(73B0E8) contains.

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Color

Hex(73B0E8)

Conversions

Conversions Part 1

Format	Color
Hex	73B0E8
RGB	115, 176, 232
RGB Percent	45%, 69%, 91%
CMY	0.5490, 0.3098, 0.0902
CMYK	0.50, 0.24, 0.00, 0.09
HSL	209°, 72%, 68%
HSV	209°, 50%, 91%
XYZ	37.1611, 40.5217, 82.2068
YIQ	164.1450, -54.3320, 4.4840

Conversions

Conversions Part 2

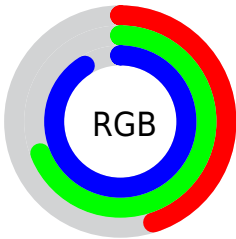
Format	Color
R _Y B	115, 155, 232
Decimal	7581928
CIE Lab	69.84, -4.39, -34.12
CIE LCh	70, 34.397, 262.674
Yxy	40.5217, 0.2324, 0.2534
Android (android.graphics.Color)	4285772008 (0xFF73B0E8)
YUV	164.1450, 33.4525, -43.1002
Hunter-Lab	63.6567, -7.1956, -32.0080

Details

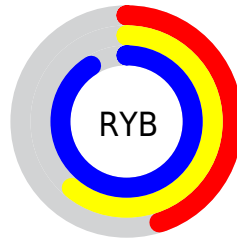
The Hex color **73B0E8** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E8AB73**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **ADE7FF**, and **377CB0** is the 20% darker color. If you saturate the color by 10%, you get **5CA5E8**, and if you desaturate by 10%, it is **8ABBE8**.

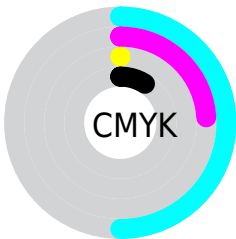
Distribution



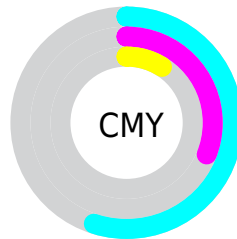
- Red (45%)
- Green (69%)
- Blue (91%)



- Red (45%)
- Yellow (61%)
- Blue (91%)



- Cyan (50%)
- Magenta (24%)
- Yellow (0%)
- Black (9%)



- Cyan (55%)
- Magenta (31%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73B0E8 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 73B0E8 by changing the saturation by 10% instead.

 73B0E8

 73B0E8

FFFFFF

 5695CC

 ADE7FF

 377CB0

 CAFFFF

 0B6395

 E7FFFF

 004B7B

 003562

 00204A

 000433

 00021D

 000000

 73B0E8

 73B0E8

 5CA5E8

 8ABBE8

 459AE8

 A1C6E8

 2D8FE8

 B9D1E8

 1684E8

 D0DCE8

 0079E8

 E7E8E8

 FEF3E8

 FFFEE8

 FFFFE8

Harmonies

Analogous

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



45B8DB



73B0E8



A4A5E4

Triad

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



73B0E8



E89494



84B784

Complementary

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



73B0E8



E8AB73

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.



A8B070



73B0E8



DE9C7A

Square

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



73B0E8



E293B4



C7A66D



5DBBA2

Rectangle

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



73B0E8



BF9ED9



C7A66D



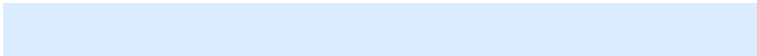
90B57C

Sweetspot

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



73B0E8



D9EDFF



73E8AA



697580



000000



808080

Same Dimension

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



73B0E8



63B5FF



7377E8



676D73



005DB3



001B33

Inverse Universe

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



E873B0



FF63B5



E8E473



73676D



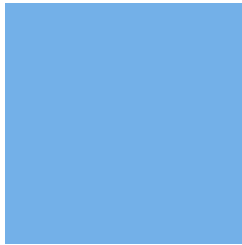
B3005D



33001B

Previews

White Background



This preview shows how the Hex color 73B0E8 looks on a white background.

Color Contrast Check

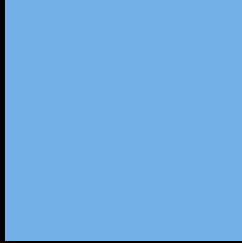
Large Text (above 18pt) WCAG AA × Fail

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 73B0E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

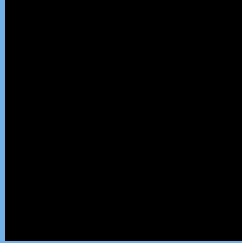
Any Text WCAG AA ✓ Pass

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 73B0E8 Background



This preview shows how black text looks on a background with the Hex color 73B0E8.



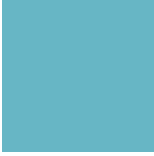
This preview shows how white text looks on a background with the Hex color 73B0E8.

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](#).

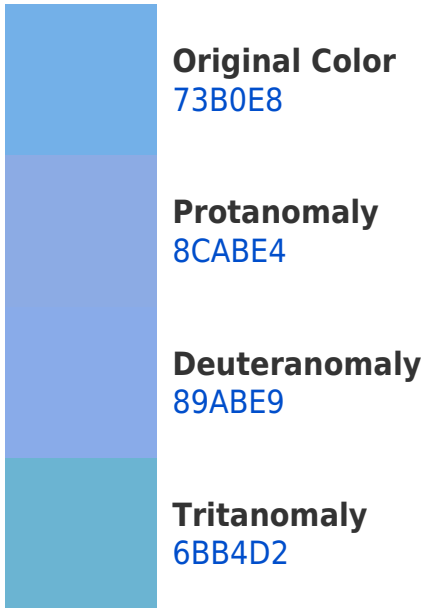
Dichromacy



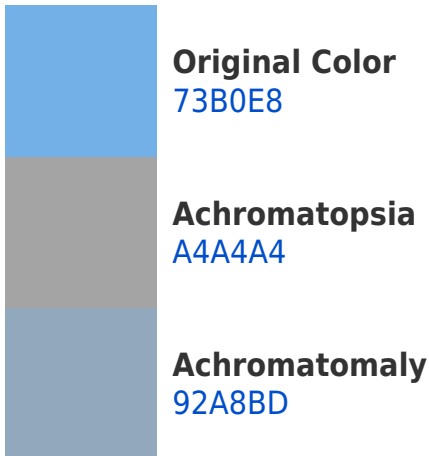


Tritanopia
67B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 73B0E8 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 #73B0E8 looks like.

```
.text, #text, p{  
    color:#73B0E8  
}
```

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 #73B0E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73B0E8
}
```

Border

The CSS property to change the border of an element to Hex 73B0E8 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
#73B0E8 }
```

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

```
.border{ border-color:#73B0E8 }
```

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

Here you see how a box with a 4 pixel #73B0E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73B0E8; -webkit-box-shadow:4px 4px  
4px 4px #73B0E8; box-shadow:4px 4px 4px  
4px #73B0E8 }
```

Background

The CSS property to change the background color of an element to Hex 73B0E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73B0E8 }
```

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

```
.background{ background-color:#73B0E8 }
```

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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