

Converting Colors

Hex(63B7EC)

Have a look what the booklet for
Hex(63B7EC) contains.

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Color

Hex(63B7EC)

Conversions

Conversions Part 1

Format	Color
Hex	63B7EC
RGB	99, 183, 236
RGB Percent	39%, 72%, 93%
CMY	0.6118, 0.2824, 0.0745
CMYK	0.58, 0.22, 0.00, 0.07
HSL	203°, 78%, 66%
HSV	203°, 58%, 93%
XYZ	37.2194, 42.5758, 85.6132
YIQ	163.9260, -67.0770, -1.3250

Conversions

Conversions Part 2

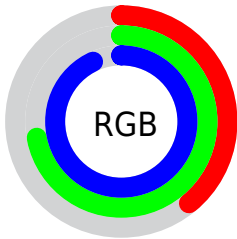
Format	Color
RYB	99, 151, 236
Decimal	6535148
CIELab	71.27, -10.34, -34.14
CIELCh	71, 35.671, 253.143
Yxy	42.5758, 0.2250, 0.2574
Android (android.graphics.Color)	4284725228 (0xFF63B7EC)
YUV	163.9260, 35.5325, -56.9401
Hunter-Lab	65.2501, -12.3692, -32.1180

Details

The Hex color **63B7EC** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EC9863**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **9FEFFF**, and **1882B4** is the 20% darker color. If you saturate the color by 10%, you get **4BAEEC**, and if you desaturate by 10%, it is **7BC0EC**.

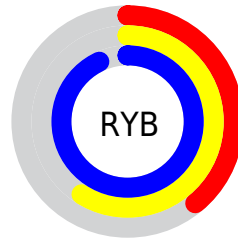
Distribution



Red (39%)

Green (72%)

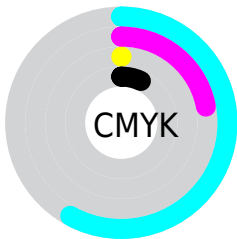
Blue (93%)



Red (39%)

Yellow (59%)

Blue (93%)

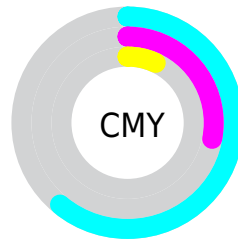


Cyan (58%)

Magenta (22%)

Yellow (0%)

Black (7%)



Cyan (61%)

Magenta (28%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63B7EC 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 63B7EC by changing the saturation by 10% instead.

 63B7EC

 63B7EC

FFFFFF

 439CD0

 9FEFFF

 1882B4

 BDFFFF

 006999

 DBFFFF

 00517F

 F9FFFF

 003A66

 00254D

 000D36

 000220

 000004

■ 63B7EC

■ 63B7EC

■ 4BAEEC

■ 7BC0EC

■ 34A5EC

■ 92C9EC

■ 1C9CEC

■ AAD2EC

■ 0592EC

■ C1DCEC

■ 0091EC

■ D9E5EC

■ F1EEEC

■ FFF7EC

■ FFFFEC

Harmonies

Analogous

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



39BEDA



63B7EC



98ADEE

Triad

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



63B7EC



EE96A1



92BA7E

Complementary

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



63B7EC



EC9863

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.



B6B16E



63B7EC



E99C84

Square

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



63B7EC



E398C2



D4A671



6ABF9B

Rectangle

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



63B7EC



B7A5E5



D4A671



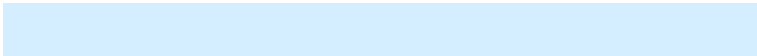
9FB777

Sweetspot

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



63B7EC



D4EEFF



63EC98



667680



000000



808080

Same Dimension

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



63B7EC



4DBAFF



6373EC



6A7175



006FB5



002136

Inverse Universe

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



EC63B7



FF4DBA



ECDC63



756A71



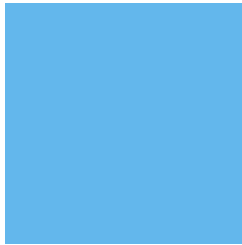
B5006F



360021

Previews

White Background



This preview shows how the Hex color 63B7EC looks on a white background.

Color Contrast Check

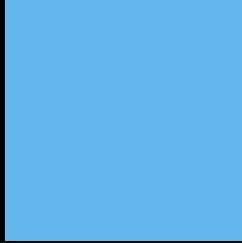
Large Text (above 18pt) WCAG AA × Fail

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 63B7EC 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

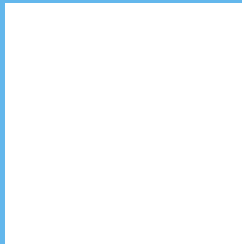
Any Text WCAG AAA ✓ Pass

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

Hex 63B7EC Background



This preview shows how black text looks on a background with the Hex color 63B7EC.

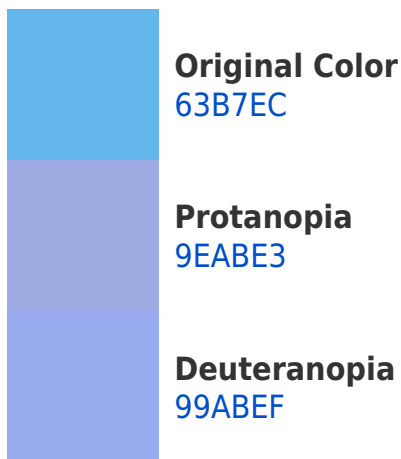


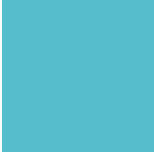
This preview shows how white text looks on a background with the Hex color 63B7EC.

Color Blindness Simulation

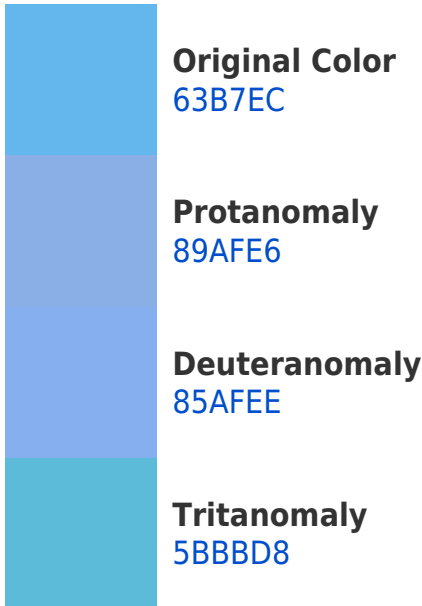
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

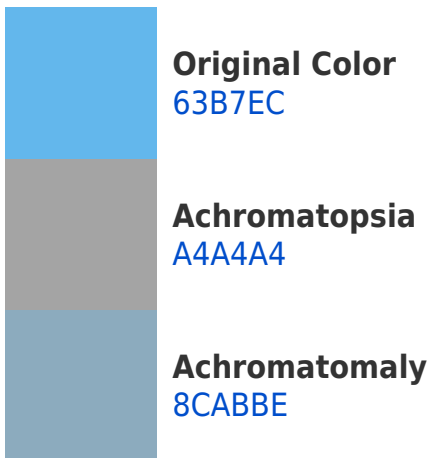




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63B7EC 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 #63B7EC looks like.

```
.text, #text, p{  
    color:#63B7EC  
}
```

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 #63B7EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63B7EC
}
```

Border

The CSS property to change the border of an element to Hex 63B7EC 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
#63B7EC }
```

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

```
.border{ border-color:#63B7EC }
```

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

Here you see how a box with a 4 pixel #63B7EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63B7EC; -webkit-box-shadow:4px 4px  
4px 4px #63B7EC; box-shadow:4px 4px 4px  
4px #63B7EC }
```

Background

The CSS property to change the background color of an element to Hex 63B7EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63B7EC }
```

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

```
.background{ background-color:#63B7EC }
```

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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