

Converting Colors

Hex(63B2EC)

Have a look what the booklet for
Hex(63B2EC) contains.

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Color

Hex(63B2EC)

Conversions

Conversions Part 1

Format	Color
Hex	63B2EC
RGB	99, 178, 236
RGB Percent	39%, 70%, 93%
CMY	0.6118, 0.3020, 0.0745
CMYK	0.58, 0.25, 0.00, 0.07
HSL	205°, 78%, 66%
HSV	205°, 58%, 93%
XYZ	36.2063, 40.5496, 85.2755
YIQ	160.9910, -65.7020, 1.2900

Conversions

Conversions Part 2

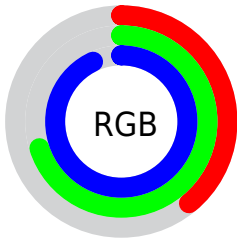
Format	Color
R _Y B	99, 149, 236
Decimal	6533868
CIE Lab	69.86, -7.63, -36.32
CIE LCh	70, 37.113, 258.137
Yxy	40.5496, 0.2235, 0.2503
Android (android.graphics.Color)	4284723948 (0xFF63B2EC)
YUV	160.9910, 36.9794, -54.3661
Hunter-Lab	63.6785, -9.9460, -34.8235

Details

The Hex color **63B2EC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **EC9D63**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **9FEAFF**, and **197EB4** is the 20% darker color. If you saturate the color by 10%, you get **4BA8EC**, and if you desaturate by 10%, it is **7BBCEC**.

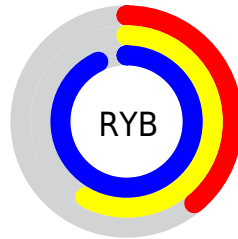
Distribution



Red (39%)

Green (70%)

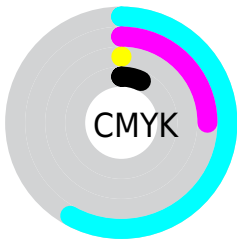
Blue (93%)



Red (39%)

Yellow (58%)

Blue (93%)

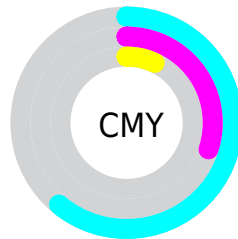


Cyan (58%)

Magenta (25%)

Yellow (0%)

Black (7%)



Cyan (61%)

Magenta (30%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63B2EC 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 63B2EC by changing the saturation by 10% instead.

 63B2EC

 63B2EC

FFFFFF

 4397D0

 9FEAFF

 197EB4

 BDFFFF

 006599

 DAFFFF

 004D7F

 F9FFFF

 003665

 00214D

 000536

 000220

 000004

■ 63B2EC

■ 63B2EC

■ 4BA8EC

■ 7BBCEC

■ 349EEC

■ 92C6EC

■ 1C94EC

■ AAD0EC

■ 058AEC

■ C1DAEC

■ 0088EC

■ D9E4EC

■ F1EEEC

■ FFF8EC

■ FFFFEC

Harmonies

Analogous

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



2AB9DC



63B2EC



9BA7EB

Triad

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



63B2EC



ED9197



86B77D

Complementary

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



63B2EC



EC9D63

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.



ACAF6A



63B2EC



E4997A

Square

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



63B2EC



E492BA



CDA469



5BBC9C

Rectangle

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



63B2EC



BB9FE0



CDA469



93B575

Sweetspot

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



63B2EC



D4EDFF



63EC9C



667580



000000



808080

Same Dimension

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



63B2EC



4DB3FF



636EEC



6A7075



0068B5



001F36

Inverse Universe

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



EC63B2



FF4DB3



ECE163



756A70



B50068



36001F

Previews

White Background



This preview shows how the Hex color 63B2EC looks on a white background.

Color Contrast Check

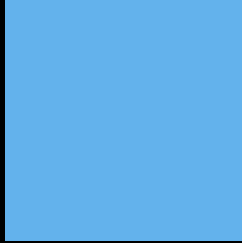
Large Text (above 18pt) WCAG AA × Fail

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 63B2EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

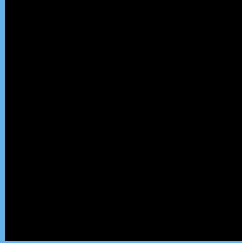
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

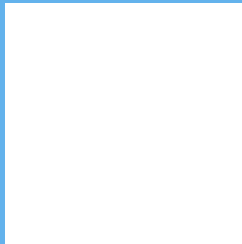
Any Text WCAG AAA ✓ Pass

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

Hex 63B2EC Background



This preview shows how black text looks on a background with the Hex color 63B2EC.

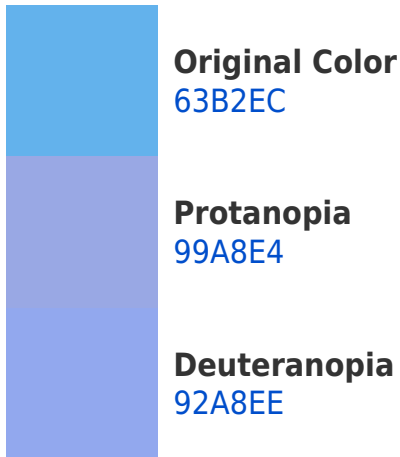


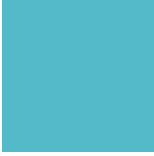
This preview shows how white text looks on a background with the Hex color 63B2EC.

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](#).

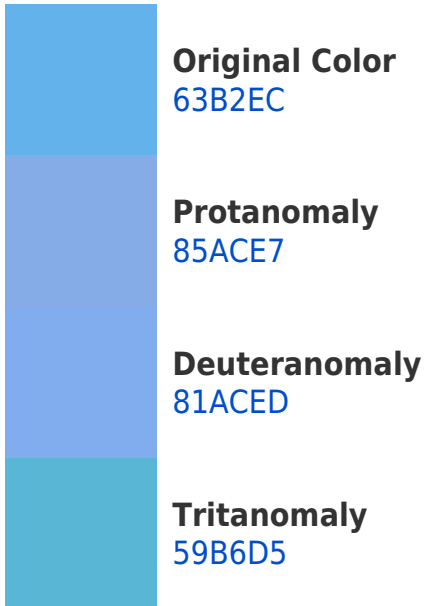
Dichromacy



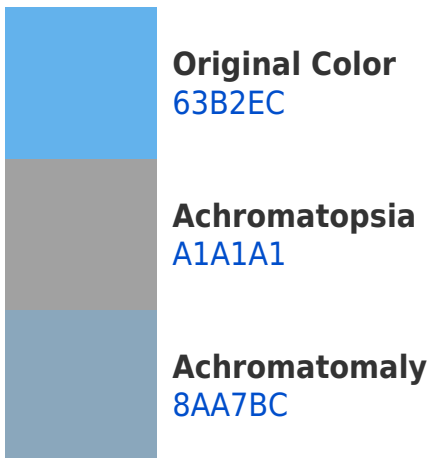


Tritanopia
54B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63B2EC 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 #63B2EC looks like.

```
.text, #text, p{  
    color:#63B2EC  
}
```

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 #63B2EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63B2EC
}
```

Border

The CSS property to change the border of an element to Hex 63B2EC 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
#63B2EC }
```

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

```
.border{ border-color:#63B2EC }
```

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

Here you see how a box with a 4 pixel #63B2EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63B2EC; -webkit-box-shadow:4px 4px  
4px 4px #63B2EC; box-shadow:4px 4px 4px  
4px #63B2EC }
```

Background

The CSS property to change the background color of an element to Hex 63B2EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63B2EC }
```

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

```
.background{ background-color:#63B2EC }
```

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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