

Converting Colors

Hex(3CB7EE)

Have a look what the booklet for
Hex(3CB7EE) contains.

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Color

Hex(3CB7EE)

Conversions

Conversions Part 1

Format	Color
Hex	3CB7EE
RGB	60, 183, 238
RGB Percent	24%, 72%, 93%
CMY	0.7647, 0.2824, 0.0667
CMYK	0.75, 0.23, 0.00, 0.07
HSL	199°, 84%, 58%
HSV	199°, 75%, 93%
XYZ	34.2296, 41.0007, 86.9988
YIQ	152.4930, -90.9630, -8.9710

Conversions

Conversions Part 2

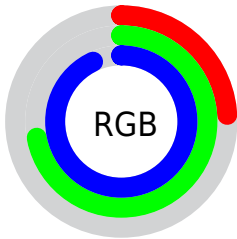
Format	Color
RYB	60, 133, 238
Decimal	3979246
CIELab	70.18, -15.72, -37.01
CIELCh	70, 40.206, 246.989
Yxy	41.0007, 0.2110, 0.2527
Android (android.graphics.Color)	4282169326 (0xFF3CB7EE)
YUV	152.4930, 42.1550, -81.1164
Hunter-Lab	64.0318, -16.6345, -35.7340

Details

The Hex color **3CB7EE** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **EE733C**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **82EFFF**, and **0082B6** is the 20% darker color. If you saturate the color by 10%, you get **24B0EE**, and if you desaturate by 10%, it is **54BEEE**.

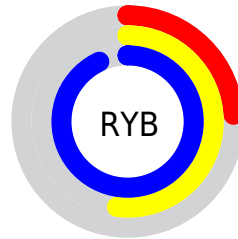
Distribution



Red (24%)

Green (72%)

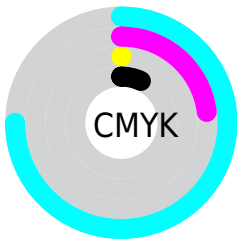
Blue (93%)



Red (24%)

Yellow (52%)

Blue (93%)

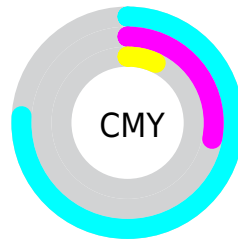


Cyan (75%)

Magenta (23%)

Yellow (0%)

Black (7%)



Cyan (76%)

Magenta (28%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CB7EE 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 3CB7EE by changing the saturation by 10% instead.

 3CB7EE

 3CB7EE

FFFFFF

 009CD2

 82EFFF

 0082B6

 A2FFFF

 00699B

 C1FFFF

 005181


 E0FFFF

 003A67

 00244F

 000638

 000221

 000007

■ 3CB7EE

■ 3CB7EE

■ 24B0EE

■ 54BEEE

■ 0CA8EE

■ 6CC6EE

■ 00A4EE

■ 83CDEE

■ 9BD4EE

■ B3DCEE

■ CBE3EE

■ E3EAEE

■ FAF2EE

■ FFF9EE

Harmonies

Analogous

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



00BDD6



3CB7EE



83ACF4

Triad

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



3CB7EE



F18FA4



94B670

Complementary

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



3CB7EE



EE733C

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.



BBAC62



3CB7EE



EE9481

Square

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



3CB7EE



E093C9



DBA069



66BD8E

Rectangle

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



3CB7EE



AAA3ED



DBA069



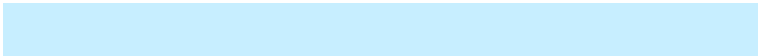
A1B369

Sweetspot

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



3CB7EE



C7EEFF



3CEE71



5E7580



000000



808080

Same Dimension

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



3CB7EE



19B8FF



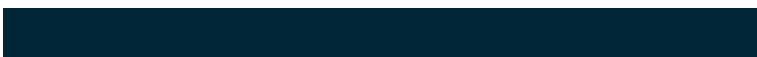
3C60EE



6C7478



007FB8



002738

Inverse Universe

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



EE3CB7



FF19B8



EECA3C



786C74



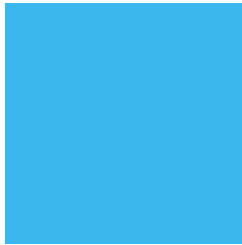
B8007F



380027

Previews

White Background



This preview shows how the Hex color 3CB7EE looks on a white background.

Color Contrast Check

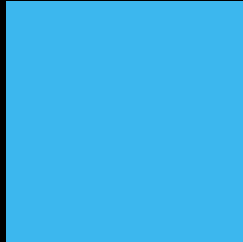
Large Text (above 18pt) WCAG AA × Fail

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 3CB7EE 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

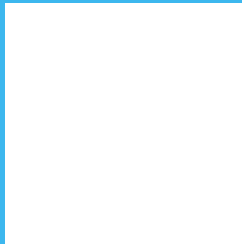
Any Text WCAG AAA ✓ Pass

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

Hex 3CB7EE Background



This preview shows how black text looks on a background with the Hex color 3CB7EE.

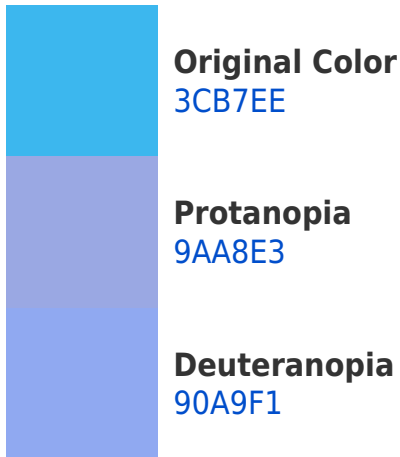


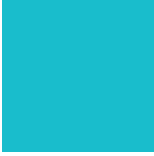
This preview shows how white text looks on a background with the Hex color 3CB7EE.

Color Blindness Simulation

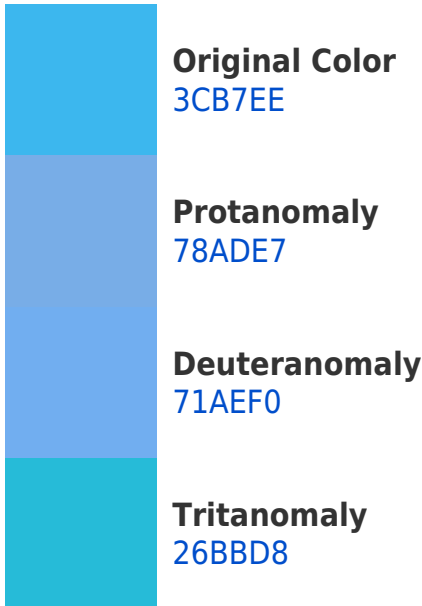
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3CB7EE 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 #3CB7EE looks like.

```
.text, #text, p{  
  color:#3CB7EE  
}
```

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 #3CB7EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CB7EE
}
```

Border

The CSS property to change the border of an element to Hex 3CB7EE 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
#3CB7EE }
```

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

```
.border{ border-color:#3CB7EE }
```

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

Here you see how a box with a 4 pixel #3CB7EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CB7EE; -webkit-box-shadow:4px 4px  
4px 4px #3CB7EE; box-shadow:4px 4px 4px  
4px #3CB7EE }
```

Background

The CSS property to change the background color of an element to Hex 3CB7EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CB7EE }
```

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

```
.background{ background-color:#3CB7EE }
```

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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