

Converting Colors

Hex(34B0E9)

Have a look what the booklet for
Hex(34B0E9) contains.

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Color

Hex(34B0E9)

Conversions

Conversions Part 1

Format	Color
Hex	34B0E9
RGB	52, 176, 233
RGB Percent	20%, 69%, 91%
CMY	0.7961, 0.3098, 0.0863
CMYK	0.78, 0.24, 0.00, 0.09
HSL	199°, 80%, 56%
HSV	199°, 78%, 91%
XYZ	31.6495, 37.6639, 82.6926
YIQ	145.4220, -92.2010, -8.5610

Conversions

Conversions Part 2

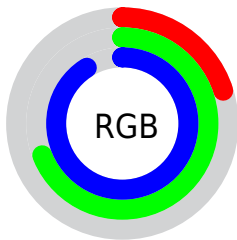
Format	Color
RYB	52, 126, 233
Decimal	3453161
CIELab	67.77, -14.53, -38.04
CIELCh	68, 40.718, 249.099
Yxy	37.6639, 0.2082, 0.2478
Android (android.graphics.Color)	4281643241 (0xFF34B0E9)
YUV	145.4220, 43.1760, -81.9311
Hunter-Lab	61.3709, -15.3453, -36.9290

Details

The Hex color **34B0E9** is a light color, and the websafe version is hex **0099CC**. The color can be described as light washed azure. A complement of this color would be **E96D34**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **7DE8FF**, and **007CB1** is the 20% darker color. If you saturate the color by 10%, you get **1DA9E9**, and if you desaturate by 10%, it is **4BB7E9**.

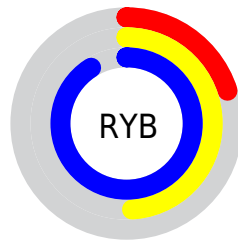
Distribution



Red (20%)

Green (69%)

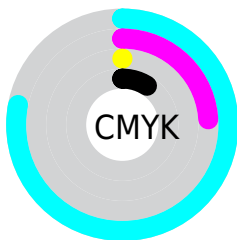
Blue (91%)



Red (20%)

Yellow (49%)

Blue (91%)

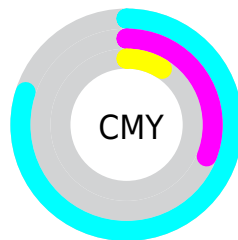


Cyan (78%)

Magenta (24%)

Yellow (0%)

Black (9%)



Cyan (80%)

Magenta (31%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34B0E9 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 34B0E9 by changing the saturation by 10% instead.

 34B0E9

 34B0E9


FFFFFF

 0095CD

 7DE8FF

 007CB1

 9CFFFF

 006396

 BBFFFF

 004B7C


 DAFFFF

 003463

 F9FFFF

 00204B

 000434

 00021E

 000000

■ 34B0E9

■ 34B0E9

■ 1DA9E9

■ 4BB7E9

■ 05A1E9

■ 63BFE9

■ 00A0E9

■ 7AC6E9

■ 91CDE9

■ A9D5E9

■ C0DCE9

■ D7E3E9

■ EEEBE9

■ FFF2E9

Harmonies

Analogous

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



00B7D2



34B0E9



80A5ED

Triad

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



34B0E9



EC889B



8AB06B

Complementary

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



34B0E9



E96D34

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.



B2A75B



34B0E9



E78E79

Square

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



34B0E9



DC8CC0



D29A61



5AB68A

Rectangle

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



34B0E9



A79CE5



D29A61



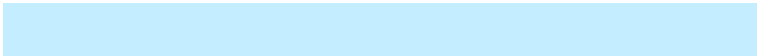
98AE63

Sweetspot

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



34B0E9



C4EDFF



34E96A



5C7480



000000



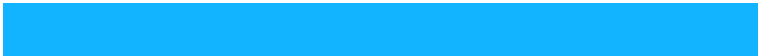
808080

Same Dimension

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



34B0E9



12B4FF



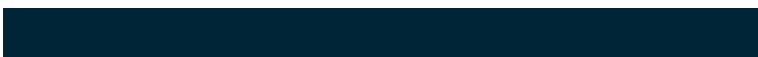
3458E9



6A7275



007CB5



002536

Inverse Universe

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



E934B0



FF12B4



E9C534



756A72



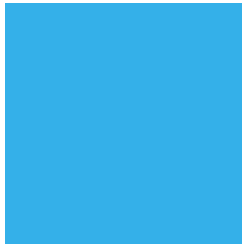
B5007C



360025

Previews

White Background



This preview shows how the Hex color 34B0E9 looks on a white background.

Color Contrast Check

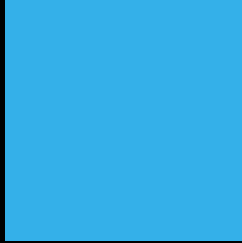
Large Text (above 18pt) WCAG AA × Fail

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 34B0E9 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

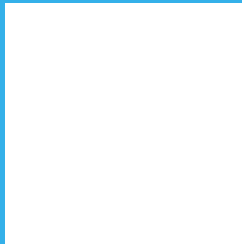
Any Text WCAG AAA ✓ Pass

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

Hex 34B0E9 Background



This preview shows how black text looks on a background with the Hex color 34B0E9.

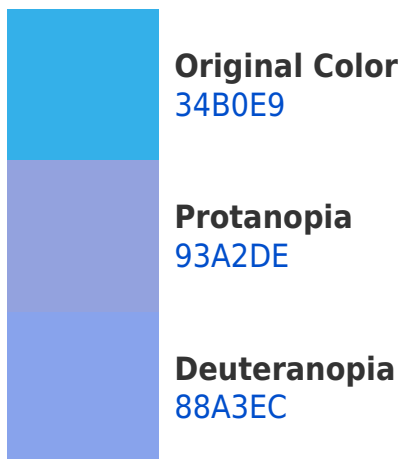


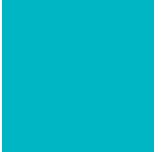
This preview shows how white text looks on a background with the Hex color 34B0E9.

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](#).

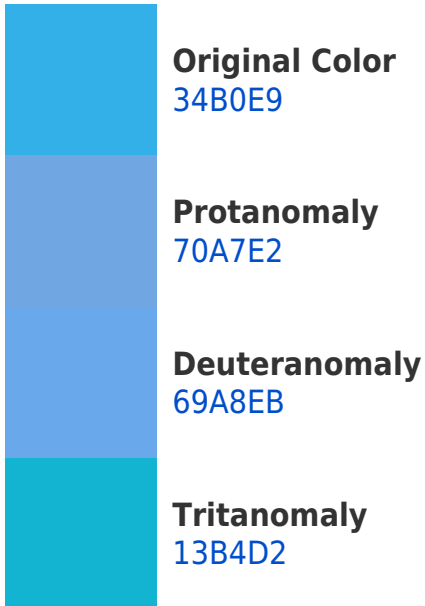
Dichromacy



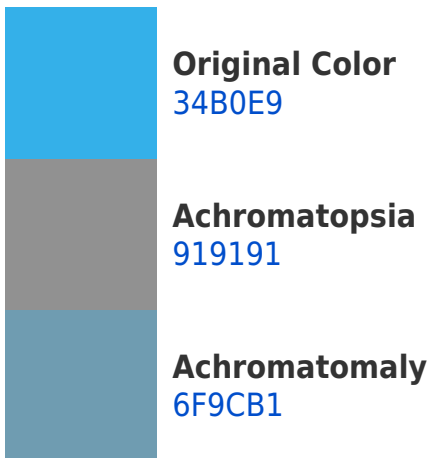


Tritanopia
00B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 34B0E9 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 #34B0E9 looks like.

```
.text, #text, p{  
    color:#34B0E9  
}
```

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 #34B0E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34B0E9
}
```

Border

The CSS property to change the border of an element to Hex 34B0E9 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
#34B0E9 }
```

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

```
.border{ border-color:#34B0E9 }
```

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

Here you see how a box with a 4 pixel #34B0E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34B0E9; -webkit-box-shadow:4px 4px  
4px 4px #34B0E9; box-shadow:4px 4px 4px  
4px #34B0E9 }
```

Background

The CSS property to change the background color of an element to Hex 34B0E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34B0E9 }
```

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

```
.background{ background-color:#34B0E9 }
```

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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