

Converting Colors

Hex(34B3EA)

Have a look what the booklet for
Hex(34B3EA) contains.

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Color

Hex(34B3EA)

Conversions

Conversions Part 1

Format	Color
Hex	34B3EA
RGB	52, 179, 234
RGB Percent	20%, 70%, 92%
CMY	0.7961, 0.2980, 0.0824
CMYK	0.78, 0.24, 0.00, 0.08
HSL	198°, 81%, 56%
HSV	198°, 78%, 92%
XYZ	32.3876, 38.9108, 83.6454
YIQ	147.2970, -93.3470, -9.8190

Conversions

Conversions Part 2

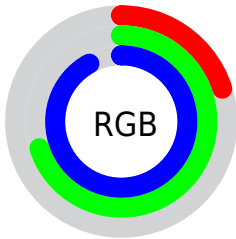
Format	Color
RYB	52, 127, 234
Decimal	3453930
CIELab	68.69, -15.79, -37.16
CIElCh	69, 40.377, 246.973
Yxy	38.9108, 0.2090, 0.2511
Android (android.graphics.Color)	4281644010 (0xFF34B3EA)
YUV	147.2970, 42.7446, -83.5755
Hunter-Lab	62.3785, -16.4834, -35.8390

Details

The Hex color **34B3EA** 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 **EA6B34**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **7DEBFF**, and **007EB2** is the 20% darker color. If you saturate the color by 10%, you get **1DACEA**, and if you desaturate by 10%, it is **4BBAEA**.

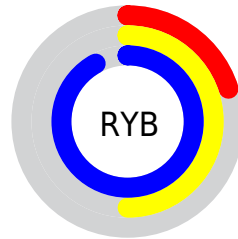
Distribution



Red (20%)

Green (70%)

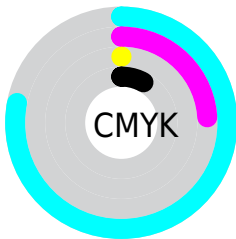
Blue (92%)



Red (20%)

Yellow (50%)

Blue (92%)

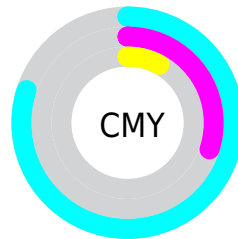


Cyan (78%)

Magenta (24%)

Yellow (0%)

Black (8%)



Cyan (80%)

Magenta (30%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34B3EA 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 34B3EA by changing the saturation by 10% instead.

 34B3EA

 34B3EA

FFFFFF

 0098CE

 7DEBFF

 007EB2

 9DFFFF

 006597

 BCFFFF

 004D7D

 DBFFFF


 003764

 FAFFFF

 00224B

 000535

 00021E

 000001

■ 34B3EA

■ 34B3EA

■ 1DACEA

■ 4BBAEA

■ 05A5EA

■ 63C1EA

■ 00A3EA

■ 7AC8EA

■ 92CFEA

■ A9D6EA

■ C0DDEA

■ D8E5EA

■ EFECEA

■ FFF3EA

Harmonies

Analogous

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



00B9D2



34B3EA



7FA8F0

Triad

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



34B3EA



ED8AA0



90B26C

Complementary

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



34B3EA



EA6B34

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.



B7A85E



34B3EA



EA907D

Square

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



34B3EA



DC8FC5



D69C65



61B98A

Rectangle

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



34B3EA



A69FE9



D69C65



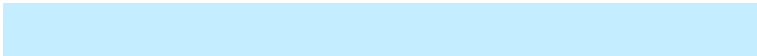
9DAF65

Sweetspot

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



34B3EA



C4EDFF



34EA6B



5C7580



000000



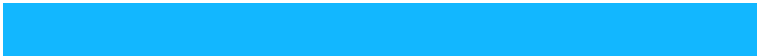
808080

Same Dimension

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



34B3EA



12B7FF



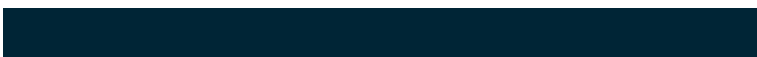
3458EA



6A7275



007EB5



002536

Inverse Universe

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



EA34B3



FF12B7



EAC634



756A72



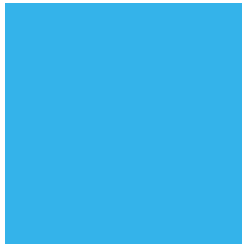
B5007E



360025

Previews

White Background



This preview shows how the Hex color 34B3EA looks on a white background.

Color Contrast Check

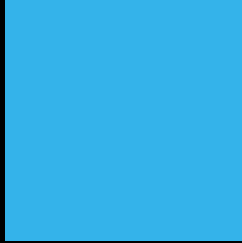
Large Text (above 18pt) WCAG AA × Fail

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 34B3EA 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

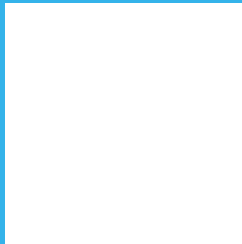
Any Text WCAG AAA ✓ Pass

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

Hex 34B3EA Background



This preview shows how black text looks on a background with the Hex color 34B3EA.

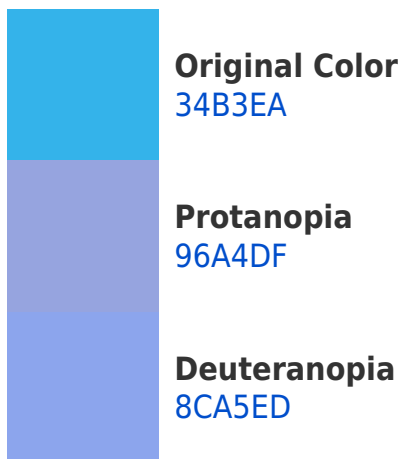


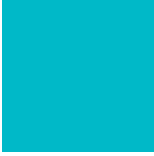
This preview shows how white text looks on a background with the Hex color 34B3EA.

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](#).

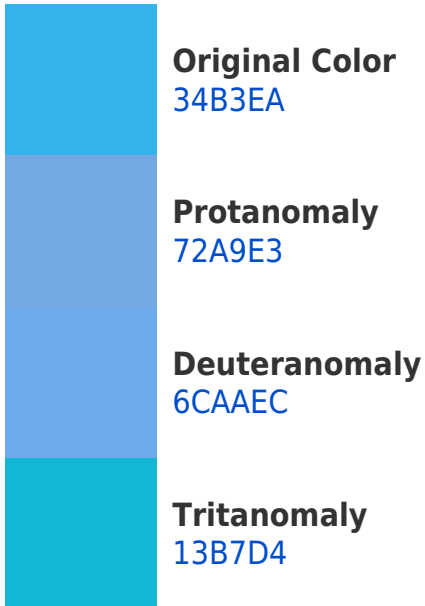
Dichromacy





Tritanopia
00B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 34B3EA 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 #34B3EA looks like.

```
.text, #text, p{  
    color:#34B3EA  
}
```

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 #34B3EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34B3EA
}
```

Border

The CSS property to change the border of an element to Hex 34B3EA 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
#34B3EA }
```

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

```
.border{ border-color:#34B3EA }
```

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

Here you see how a box with a 4 pixel #34B3EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34B3EA; -webkit-box-shadow:4px 4px  
4px 4px #34B3EA; box-shadow:4px 4px 4px  
4px #34B3EA }
```

Background

The CSS property to change the background color of an element to Hex 34B3EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34B3EA }
```

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

```
.background{ background-color:#34B3EA }
```

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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