

Converting Colors

Hex(3CB9EA)

Have a look what the booklet for
Hex(3CB9EA) contains.

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Color

Hex(3CB9EA)

Conversions

Conversions Part 1

Format	Color
Hex	3CB9EA
RGB	60, 185, 234
RGB Percent	24%, 73%, 92%
CMY	0.7647, 0.2745, 0.0824
CMYK	0.74, 0.21, 0.00, 0.08
HSL	197°, 81%, 58%
HSV	197°, 74%, 92%
XYZ	34.0637, 41.5991, 84.0760
YIQ	153.2110, -90.2290, -11.2610

Conversions

Conversions Part 2

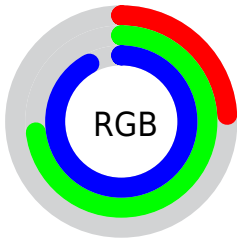
Format	Color
RYB	60, 133, 234
Decimal	3979754
CIELab	70.59, -18.09, -34.19
CIELCh	71, 38.677, 242.113
Yxy	41.5991, 0.2132, 0.2604
Android (android.graphics.Color)	4282169834 (0xFF3CB9EA)
YUV	153.2110, 39.8290, -81.7460
Hunter-Lab	64.4974, -18.5971, -32.1397

Details

The Hex color **3CB9EA** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **EA6D3C**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **82F1FF**, and **0084B2** is the 20% darker color. If you saturate the color by 10%, you get **25B2EA**, and if you desaturate by 10%, it is **53C0EA**.

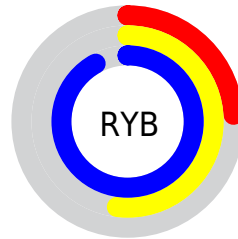
Distribution



Red (24%)

Green (73%)

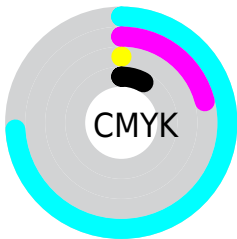
Blue (92%)



Red (24%)

Yellow (52%)

Blue (92%)

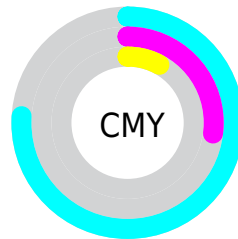


Cyan (74%)

Magenta (21%)

Yellow (0%)

Black (8%)



Cyan (76%)

Magenta (27%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CB9EA 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 3CB9EA by changing the saturation by 10% instead.

 3CB9EA

 3CB9EA

FFFFFF

 009ECE

 82F1FF

 0084B2

 A1FFFF

 006B97

 C0FFFF

 00527D

 DFFFFFF

 003B64

FEFFFF

 00264C

 000935

 00021F

 000002

■ 3CB9EA

■ 3CB9EA

■ 25B2EA

■ 53C0EA

■ 0DACEA

■ 6BC6EA

■ 00A8EA

■ 82CDEA

■ 9AD3EA

■ B1DAEA

■ C8E1EA

■ E0E7EA

■ F7EEEA

■ FFF4EA

Harmonies

Analogous

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



02BED1



3CB9EA



7DAFF3

Triad

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



3CB9EA



EF91AC



9CB670

Complementary

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



3CB9EA



EA6D3C

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.



C1AB66



3CB9EA



EF9589

Square

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



3CB9EA



DB97CE



DE9F6F



72BD8B

Rectangle

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



3CB9EA



A3A7EE



DE9F6F



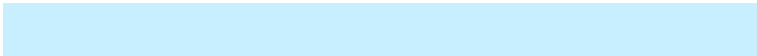
A9B36A

Sweetspot

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



3CB9EA



C7EFFF



3CEA6A



5E7680



000000



808080

Same Dimension

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



3CB9EA



1CBFFF



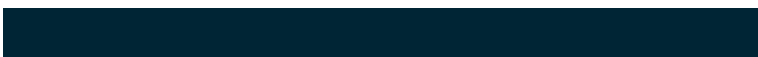
3C65EA



6A7275



0082B5



002636

Inverse Universe

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



EA3CB9



FF1CBF



EAC13C



756A72



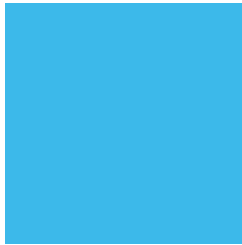
B50082



360026

Previews

White Background



This preview shows how the Hex color 3CB9EA looks on a white background.

Color Contrast Check

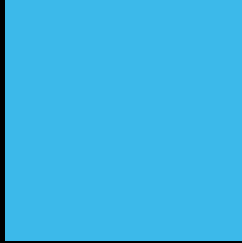
Large Text (above 18pt) WCAG AA × Fail

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 3CB9EA 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 3CB9EA Background



This preview shows how black text looks on a background with the Hex color 3CB9EA.

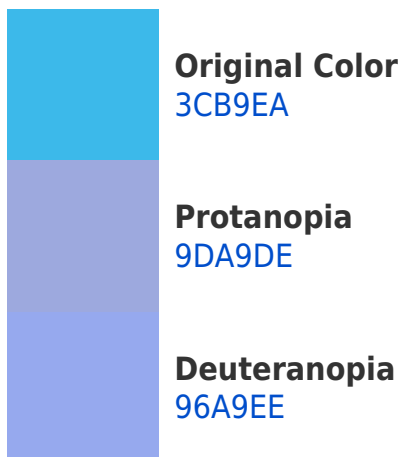


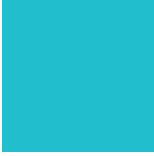
This preview shows how white text looks on a background with the Hex color 3CB9EA.

Color Blindness Simulation

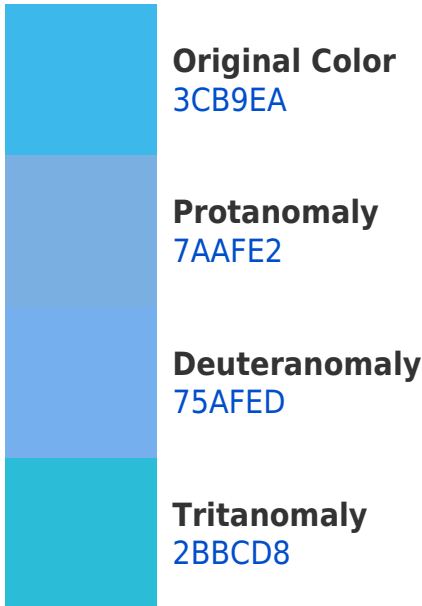
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3CB9EA 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 #3CB9EA looks like.

```
.text, #text, p{  
    color:#3CB9EA  
}
```

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 #3CB9EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CB9EA
}
```

Border

The CSS property to change the border of an element to Hex 3CB9EA 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
#3CB9EA }
```

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

```
.border{ border-color:#3CB9EA }
```

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

Here you see how a box with a 4 pixel #3CB9EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CB9EA; -webkit-box-shadow:4px 4px  
4px 4px #3CB9EA; box-shadow:4px 4px 4px  
4px #3CB9EA }
```

Background

The CSS property to change the background color of an element to Hex 3CB9EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CB9EA }
```

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

```
.background{ background-color:#3CB9EA }
```

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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