

Converting Colors

Hex(34C2DB)

Have a look what the booklet for
Hex(34C2DB) contains.

Hex(34C2DB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(34C2DB)

Conversions

Conversions Part 1

Format	Color
Hex	34C2DB
RGB	52, 194, 219
RGB Percent	20%, 76%, 86%
CMY	0.7961, 0.2392, 0.1412
CMYK	0.76, 0.11, 0.00, 0.14
HSL	189°, 70%, 53%
HSV	189°, 76%, 86%
XYZ	33.4941, 44.4281, 73.8280
YIQ	154.3920, -92.6570, -22.3290

Conversions

Conversions Part 2

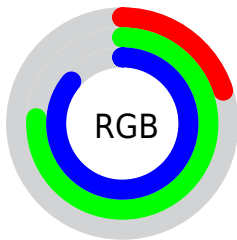
Format	Color
RYB	52, 129, 219
Decimal	3457755
CIELab	72.51, -28.36, -23.09
CIELCh	73, 36.572, 219.160
Yxy	44.4281, 0.2207, 0.2928
Android (android.graphics.Color)	4281647835 (0xFF34C2DB)
YUV	154.3920, 31.8517, -89.7978
Hunter-Lab	66.6544, -26.9482, -19.0129

Details

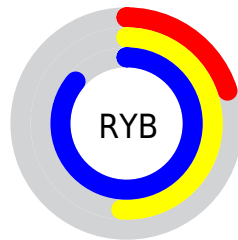
The Hex color **34C2DB** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **DB4D34**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **7CFBFF**, and **008CA4** is the 20% darker color. If you saturate the color by 10%, you get **1EBFDB**, and if you desaturate by 10%, it is **4AC5DB**.

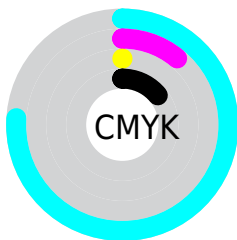
Distribution



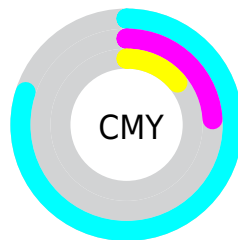
- Red (20%)
- Green (76%)
- Blue (86%)



- Red (20%)
- Yellow (51%)
- Blue (86%)



- Cyan (76%)
- Magenta (11%)
- Yellow (0%)
- Black (14%)



- Cyan (80%)
- Magenta (24%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34C2DB 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 34C2DB by changing the saturation by 10% instead.

 34C2DB

 34C2DB

FFFFFF

 00A7BF

 7CFBFF

 008CA4

 9BFFFF

 00728A

 BAFFFF

 005970

 D9FFFF

 004158

 F8FFFF

 002B40

 00122A

 000115

 000000

 34C2DB

 34C2DB

 1EBFDB

 4AC5DB

 08BBDB

 60C9DB

 00BADB

 76CCDB

 8CCFDB

 A2D2DB

 B7D6DB

 CDD9DB

 E3DCDB

 F9E0DB

Harmonies

Analogous

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



47C4BB



34C2DB



5CBCF0

Triad

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



34C2DB



E49BCA



BEB36F

Complementary

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



34C2DB



DB4D34

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.



DCA874



34C2DB



F398A9

Square

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



34C2DB



C3A6E6



EF9D89



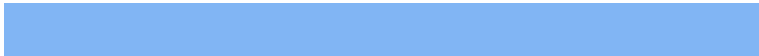
9ABC7D

Rectangle

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



34C2DB



81B5F4



EF9D89



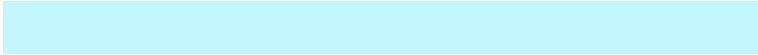
C9AF6F

Sweetspot

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



34C2DB



C4F6FF



34DB4A



5C7A80



000000



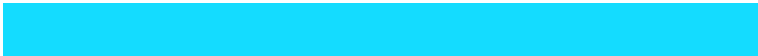
808080

Same Dimension

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



34C2DB



14DCFF



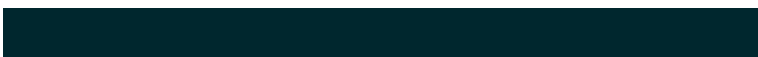
3471DB



636C6E



0093AD



00272E

Inverse Universe

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



DB34C2



FF14DC



DB9E34



6E636C



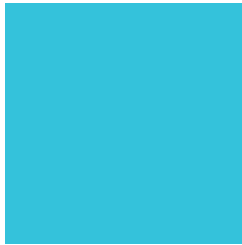
AD0093



2E0027

Previews

White Background



This preview shows how the Hex color 34C2DB looks on a white background.

Color Contrast Check

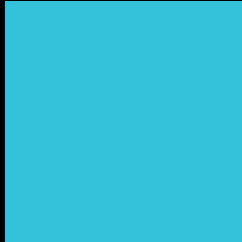
Large Text (above 18pt) WCAG AA × Fail

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 34C2DB 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 34C2DB Background



This preview shows how black text looks on a background with the Hex color 34C2DB.

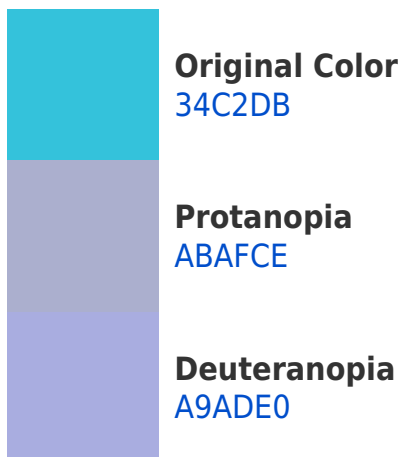


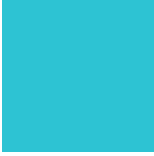
This preview shows how white text looks on a background with the Hex color 34C2DB.

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



Original Color
34C2DB



Protanomaly
80B6D3



Deuteranomaly
7EB5DE

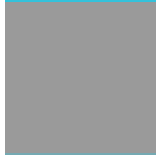


Tritanomaly
30C3D6

Monochromacy



Original Color
34C2DB



Achromatopsia
9A9A9A



Achromatomaly
75A9B2

CSS Examples

Text

The CSS property to change the color of the text to Hex 34C2DB 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 #34C2DB looks like.

```
.text, #text, p{  
    color:#34C2DB  
}
```

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 #34C2DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34C2DB
}
```

Border

The CSS property to change the border of an element to Hex 34C2DB 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
#34C2DB }
```

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

```
.border{ border-color:#34C2DB }
```

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

Here you see how a box with a 4 pixel #34C2DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34C2DB; -webkit-box-shadow:4px 4px  
4px 4px #34C2DB; box-shadow:4px 4px 4px  
4px #34C2DB }
```

Background

The CSS property to change the background color of an element to Hex 34C2DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34C2DB }
```

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

```
.background{ background-color:#34C2DB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor