

Converting Colors

Hex(4CB3DE)

Have a look what the booklet for
Hex(4CB3DE) contains.

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Color

Hex(4CB3DE)

Conversions

Conversions Part 1

Format	Color
Hex	4CB3DE
RGB	76, 179, 222
RGB Percent	30%, 70%, 87%
CMY	0.7020, 0.2980, 0.1294
CMYK	0.66, 0.19, 0.00, 0.13
HSL	198°, 69%, 58%
HSV	198°, 66%, 87%
XYZ	32.2854, 39.0506, 74.9431
YIQ	153.1050, -75.1910, -8.4630

Conversions

Conversions Part 2

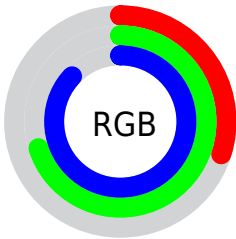
Format	Color
R _Y B	76, 136, 222
Decimal	5026782
CIE Lab	68.79, -16.60, -30.40
CIE LCh	69, 34.635, 241.364
Yxy	39.0506, 0.2207, 0.2670
Android (android.graphics.Color)	4283216862 (0xFF4CB3DE)
YUV	153.1050, 33.9652, -67.6211
Hunter-Lab	62.4905, -17.1372, -27.3615

Details

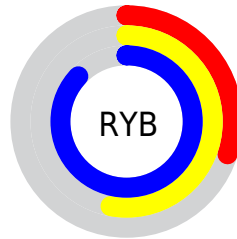
The Hex color **4CB3DE** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **DE774C**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **8BEBFF**, and **007EA7** is the 20% darker color. If you saturate the color by 10%, you get **36ACDE**, and if you desaturate by 10%, it is **62BADE**.

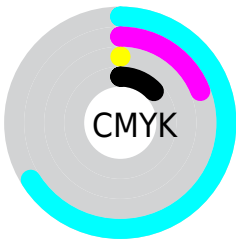
Distribution



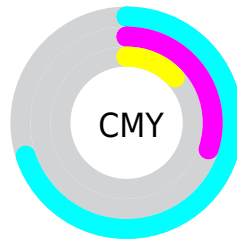
- Red (30%)
- Green (70%)
- Blue (87%)



- Red (30%)
- Yellow (53%)
- Blue (87%)



- Cyan (66%)
- Magenta (19%)
- Yellow (0%)
- Black (13%)



- Cyan (70%)
- Magenta (30%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CB3DE 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 4CB3DE by changing the saturation by 10% instead.

 4CB3DE

 4CB3DE

FFFFFF

 2498C2

 8BEBFF

 007EA7

 A9FFFF

 00658C

 C7FFFF

 004D73

 E5FFFF

 00365A

 002142

 00032C

 000116

 000000

 4CB3DE

 4CB3DE

 36ACDE

 62BADE

 20A6DE

 78C0DE

 099FDE

 8FC7DE

 009DDE

 A5CDDE

 BBD4DE

 D1DADE

 E7E1DE

 FEE7DE

 FFEED

Harmonies

Analogous

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



33B8C7



4CB3DE



7EAAE6

Triad

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



4CB3DE



E390A8



9BB071

Complementary

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



4CB3DE



DE774C

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.



BCA669



4CB3DE



E49389

Square

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



4CB3DE



D195C6



D59C72



75B689

Rectangle

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



4CB3DE



9FA3E2



D59C72



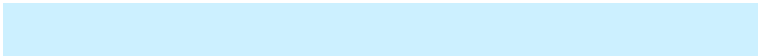
A6AD6D

Sweetspot

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



4CB3DE



CCF0FF



4CDE75



617680



000000



808080

Same Dimension

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



4CB3DE



36C4FF



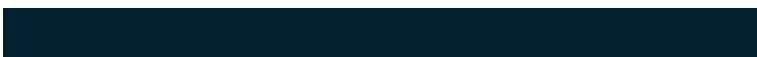
4C6CDE



656D70



007CB0



002230

Inverse Universe

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



DE4CB3



FF36C4



DEBE4C



70656D



B0007C



300022

Previews

White Background



This preview shows how the Hex color 4CB3DE looks on a white background.

Color Contrast Check

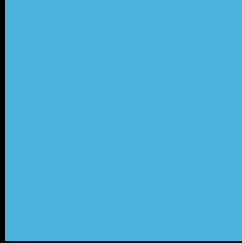
Large Text (above 18pt) WCAG AA × Fail

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 4CB3DE 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 4CB3DE Background



This preview shows how black text looks on a background with the Hex color 4CB3DE.



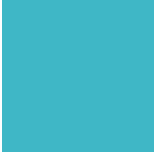
This preview shows how white text looks on a background with the Hex color 4CB3DE.

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](#).

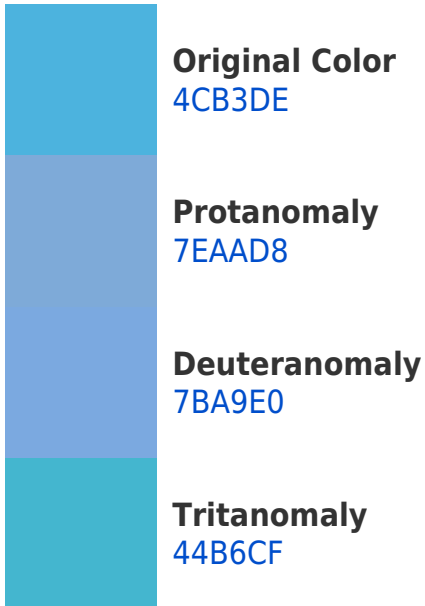
Dichromacy



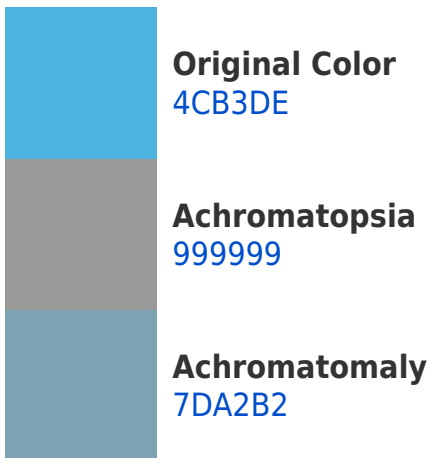


Tritanopia
3FB7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CB3DE 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 #4CB3DE looks like.

```
.text, #text, p{  
    color:#4CB3DE  
}
```

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 #4CB3DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CB3DE
}
```

Border

The CSS property to change the border of an element to Hex 4CB3DE 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
#4CB3DE }
```

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

```
.border{ border-color:#4CB3DE }
```

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

Here you see how a box with a 4 pixel #4CB3DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CB3DE; -webkit-box-shadow:4px 4px  
4px 4px #4CB3DE; box-shadow:4px 4px 4px  
4px #4CB3DE }
```

Background

The CSS property to change the background color of an element to Hex 4CB3DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CB3DE }
```

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

```
.background{ background-color:#4CB3DE }
```

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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