

Converting Colors

Hex(4CBBF1)

Have a look what the booklet for
Hex(4CBBF1) contains.

Hex(4CBBF1)	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(4CBBF1)

Conversions

Conversions Part 1

Format	Color
Hex	4CBBF1
RGB	76, 187, 241
RGB Percent	30%, 73%, 95%
CMY	0.7020, 0.2667, 0.0549
CMYK	0.68, 0.22, 0.00, 0.05
HSL	200°, 85%, 62%
HSV	200°, 68%, 95%
XYZ	36.6280, 43.4280, 89.6710
YIQ	159.9670, -83.4900, -6.7380

Conversions

Conversions Part 2

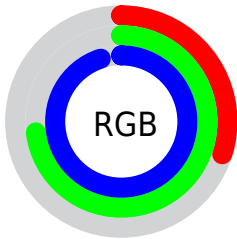
Format	Color
RYB	76, 142, 241
Decimal	5028849
CIELab	71.84, -14.79, -36.01
CIELCh	72, 38.929, 247.679
Yxy	43.4280, 0.2158, 0.2559
Android (android.graphics.Color)	4283218929 (0xFF4CBBF1)
YUV	159.9670, 39.9493, -73.6391
Hunter-Lab	65.8999, -16.1124, -34.5468

Details

The Hex color **4CBBF1** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **F1824C**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **8EF3FF**, and **0086B9** is the 20% darker color. If you saturate the color by 10%, you get **34B3F1**, and if you desaturate by 10%, it is **64C3F1**.

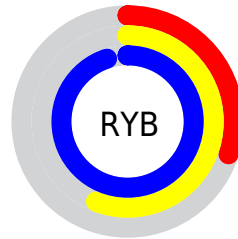
Distribution



Red (30%)

Green (73%)

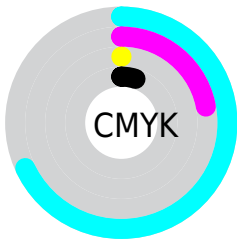
Blue (95%)



Red (30%)

Yellow (56%)

Blue (95%)

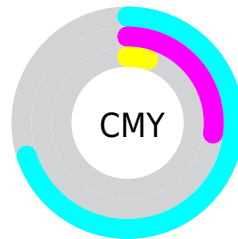


Cyan (68%)

Magenta (22%)

Yellow (0%)

Black (5%)



Cyan (70%)

Magenta (27%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CBBF1 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 4CBBF1 by changing the saturation by 10% instead.

 4CBBF1

 4CBBF1

FFFFFF

 1FA0D5

 8EF3FF

 0086B9

 ACFFFF

 006D9E

 CBFFFF

 005483

 EAFFFF

 003D6A

 002751

 00113A

 000224

 00000B

■ 4CBBF1

■ 4CBBF1

■ 34B3F1

■ 64C3F1

■ 1CABF1

■ 7CCBF1

■ 04A3F1

■ 94D3F1

■ 00A2F1

■ ACDBF1

■ C5E2F1

■ DDEAF1

■ F5F2F1

■ FFFAF1

■ FFFFF1

Harmonies

Analogous

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



0DC1DA



4CBBF1



8BB0F6

Triad

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



4CBBF1



F594A8



98BB77

Complementary

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



4CBBF1



F1824C

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.



BFB169



4CBBF1



F19986

Square

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



4CBBF1



E498CC



DEA56F



6CC194

Rectangle

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



4CBBF1



B0A8EF



DEA56F



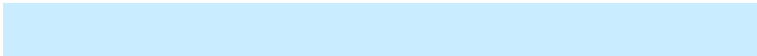
A5B870

Sweetspot

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



4CBBF1



C9EDFF



4CF180



607580



000000



808080

Same Dimension

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



4CBBF1



2EBBFF



4C6AF1



6C7478



007CB8



002638

Inverse Universe

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



F14CBB



FF2EBB



F1D34C



786C74



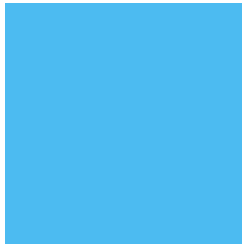
B8007C



380026

Previews

White Background



This preview shows how the Hex color 4CBBF1 looks on a white background.

Color Contrast Check

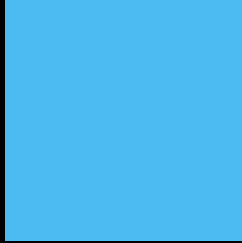
Large Text (above 18pt) WCAG AA × Fail

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 4CBBF1 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

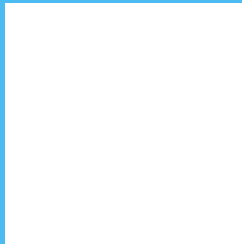
Any Text WCAG AAA ✓ Pass

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

Hex 4CBBF1 Background



This preview shows how black text looks on a background with the Hex color 4CBBF1.

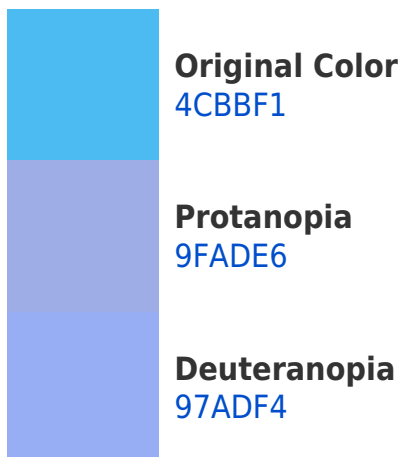


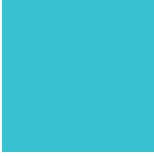
This preview shows how white text looks on a background with the Hex color 4CBBF1.

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](#).

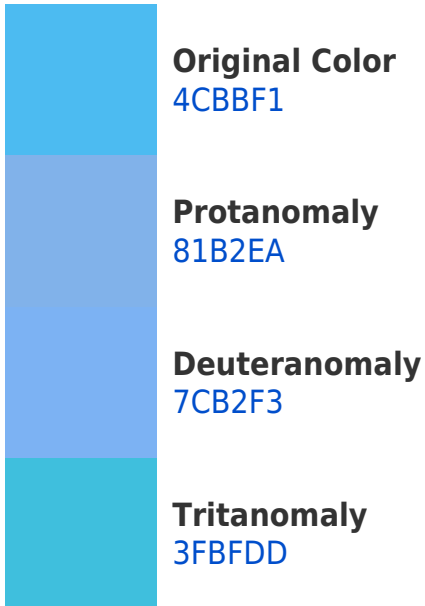
Dichromacy



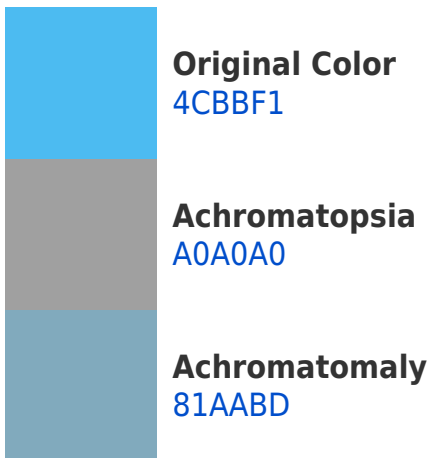


Tritanopia
37C1D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CBBF1 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 #4CBBF1 looks like.

```
.text, #text, p{  
    color:#4CBBF1  
}
```

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 #4CBBF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CBBF1  
}
```

Border

The CSS property to change the border of an element to Hex 4CBBF1 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  
#4CBBF1 }
```

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

```
.border{ border-color:#4CBBF1 }
```

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

Here you see how a box with a 4 pixel #4CBBF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CBBF1; -webkit-box-shadow:4px 4px  
4px 4px #4CBBF1; box-shadow:4px 4px 4px  
4px #4CBBF1 }
```

Background

The CSS property to change the background color of an element to Hex 4CBBF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CBBF1 }
```

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

```
.background{ background-color:#4CBBF1 }
```

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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