

Converting Colors

Hex(4FBCE4)

Have a look what the booklet for
Hex(4FBCE4) contains.

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Color

Hex(4FBCE4)

Conversions

Conversions Part 1

Format	Color
Hex	4FBCE4
RGB	79, 188, 228
RGB Percent	31%, 74%, 89%
CMY	0.6902, 0.2627, 0.1059
CMYK	0.65, 0.18, 0.00, 0.11
HSL	196°, 73%, 60%
HSV	196°, 65%, 89%
XYZ	35.2113, 43.2301, 79.8872
YIQ	159.9690, -77.8040, -10.6680

Conversions

Conversions Part 2

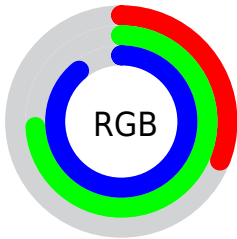
Format	Color
RYB	79, 142, 228
Decimal	5225700
CIELab	71.71, -18.96, -29.16
CIELCh	72, 34.783, 236.965
Yxy	43.2301, 0.2224, 0.2730
Android (android.graphics.Color)	4283415780 (0xFF4FBCE4)
YUV	159.9690, 33.5393, -71.0098
Hunter-Lab	65.7496, -19.4688, -26.0139

Details

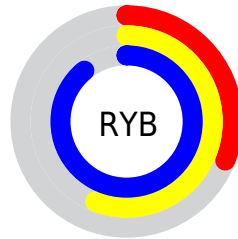
The Hex color **4FBCE4** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **E4774F**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **8EF4FF**, and **0087AC** is the 20% darker color. If you saturate the color by 10%, you get **38B6E4**, and if you desaturate by 10%, it is **66C2E4**.

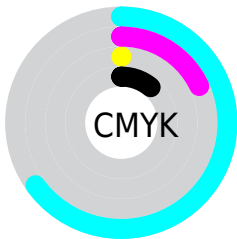
Distribution



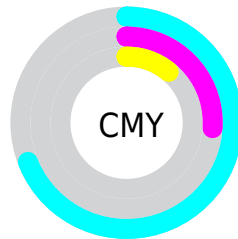
- Red (31%)
- Green (74%)
- Blue (89%)



- Red (31%)
- Yellow (56%)
- Blue (89%)



- Cyan (65%)
- Magenta (18%)
- Yellow (0%)
- Black (11%)



- Cyan (69%)
- Magenta (26%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FBCE4 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 4FBCE4 by changing the saturation by 10% instead.

 4FBCE4

 4FBCE4

FFFFFF

 27A1C8

 8EF4FF

 0087AC

 ADFFFF

 006D92


 CBFFFF

 005578

 E9FFFF

 003D5F

 002747

 000F31

 00011B

 000000

 4FBCE4

 4FBCE4

 38B6E4

 66C2E4

 21B0E4

 7DC8E4

 0BAAE4

 93CEE4

 00A7E4

 AAD4E4

 C1DBE4

 D8E1E4

 EFE7E4

 FFEDE4

 FFF3E4

Harmonies

Analogous

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



3FC0CB



4FBCE4



7FB4EF

Triad

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



4FBCE4



EA98B4



A8B676

Complementary

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



4FBCE4



E4774F

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.



C8AD70



4FBCE4



EE9994

Square

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



4FBCE4



D59ED3



E1A27C



82BD8C

Rectangle

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



4FBCE4



A0ADEC



E1A27C



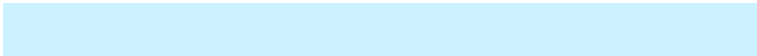
B3B372

Sweetspot

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



4FBCE4



CCF1FF



4FE477



617780



000000



808080

Same Dimension

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



4FBCE4



38CAFF



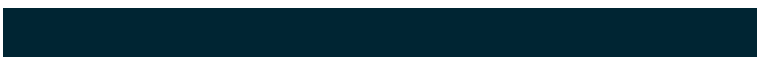
4F72E4



677073



0083B3



002533

Inverse Universe

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



E44FBC



FF38CA



E4C14F



736770



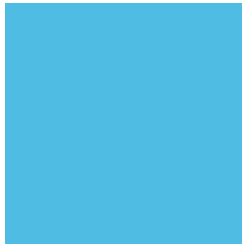
B30083



330025

Previews

White Background



This preview shows how the Hex color 4FBCE4 looks on a white background.

Color Contrast Check

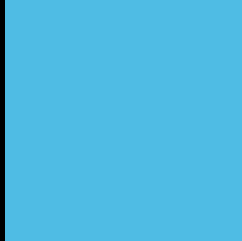
Large Text (above 18pt) WCAG AA × Fail

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 4FBCE4 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 4FBCE4 Background



This preview shows how black text looks on a background with the Hex color 4FBCE4.

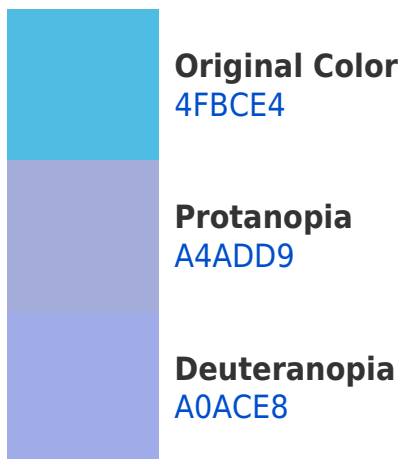


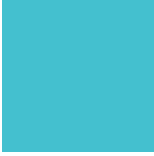
This preview shows how white text looks on a background with the Hex color 4FBCE4.

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](#).

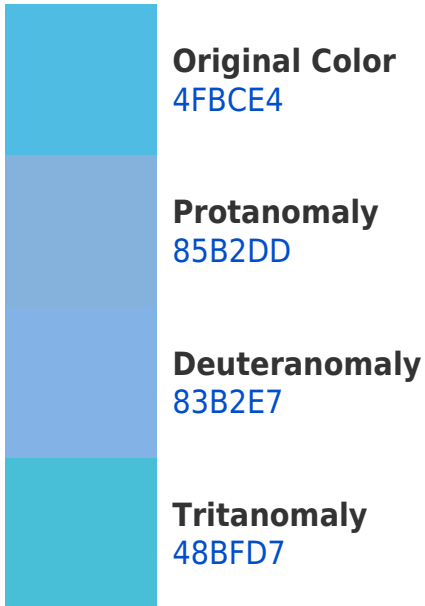
Dichromacy



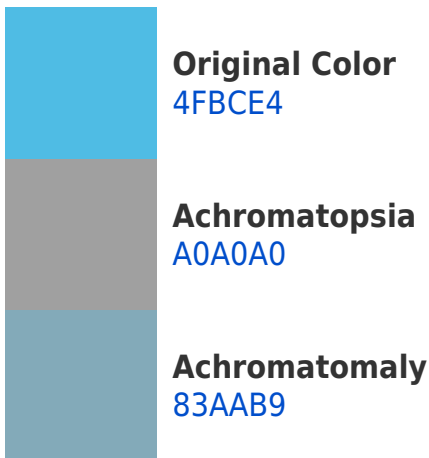


Tritanopia
44C0CF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4FBCE4 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 #4FBCE4 looks like.

```
.text, #text, p{  
    color:#4FBCE4  
}
```

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 #4FBCE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FBCE4
}
```

Border

The CSS property to change the border of an element to Hex 4FBCE4 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
#4FBCE4 }
```

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

```
.border{ border-color:#4FBCE4 }
```

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

Here you see how a box with a 4 pixel #4FBCE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FBCE4; -webkit-box-shadow:4px 4px  
4px 4px #4FBCE4; box-shadow:4px 4px 4px  
4px #4FBCE4 }
```

Background

The CSS property to change the background color of an element to Hex 4FBCE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FBCE4 }
```

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

```
.background{ background-color:#4FBCE4 }
```

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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