

# Converting Colors

Hex(4FBCE8)

Have a look what the booklet for  
Hex(4FBCE8) contains.

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# **Color**

**Hex(4FBCE8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FBCE8
RGB	79, 188, 232
RGB Percent	31%, 74%, 91%
CMY	0.6902, 0.2627, 0.0902
CMYK	0.66, 0.19, 0.00, 0.09
HSL	197°, 77%, 61%
HSV	197°, 66%, 91%
XYZ	35.7732, 43.4549, 82.8461
YIQ	160.4250, -79.0880, -9.4240

# Conversions

## Conversions Part 2

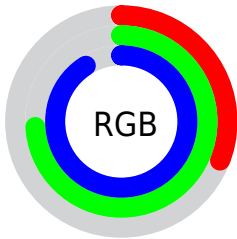
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 143, 232
Decimal	5225704
CIE <sub>Lab</sub>	71.86, -17.72, -31.10
CIE <sub>LCh</sub>	72, 35.791, 240.331
Yxy	43.4549, 0.2207, 0.2681
Android (android.graphics.Color)	4283415784 (0xFF4FBCE8)
YUV	160.4250, 35.2865, -71.4097
Hunter-Lab	65.9203, -18.4935, -28.3691

# Details

The Hex color **4FBCE8** 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 **E87B4F**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **8FF4FF**, and **0087B0** is the 20% darker color. If you saturate the color by 10%, you get **38B5E8**, and if you desaturate by 10%, it is **66C3E8**.

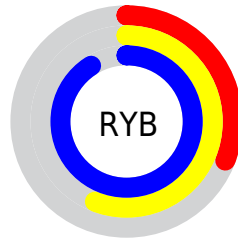
# Distribution



Red (31%)

Green (74%)

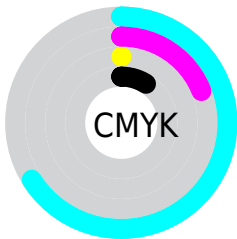
Blue (91%)



Red (31%)

Yellow (56%)

Blue (91%)

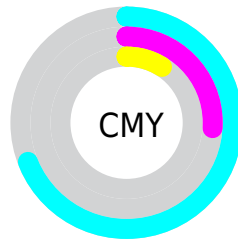


Cyan (66%)

Magenta (19%)

Yellow (0%)

Black (9%)



Cyan (69%)

Magenta (26%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FBCE8 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 4FBCE8 by changing the saturation by 10% instead.



 4FBCE8

 4FBCE8

FFFFFF

 27A1CC

 8FF4FF

 0087B0

 ADFFFF

 006D95

 CCFFFF

 00557B

 EAFFFF

 003E62

 00284A

 001033

 00021E

 000000

■ 4FBCE8

■ 4FBCE8

■ 38B5E8

■ 66C3E8

■ 21AFE8

■ 7DC9E8

■ 09A8E8

■ 95D0E8

■ 00A5E8

■ ACD7E8

■ C3DDE8

■ DAE4E8

■ F1EBE8

■ FFF1E8

■ FFF8E8

# Harmonies

## Analogous

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



37C1D0



4FBCE8



83B3F1

# Triad

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



4FBCE8



EE97B1



A4B877

# Complementary

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



4FBCE8



E87B4F

# 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.



C6AE6E



4FBCE8



EF9A91

# Square

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



4FBCE8



DA9DD1



E0A378



7DBF8F

# Rectangle

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



4FBCE8



A5ACED



E0A378



B0B572

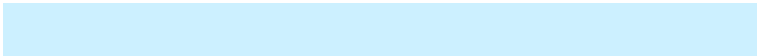


# Sweetspot

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



4FBCE8



CCF0FF



4FE87A



617780



000000



808080



# Same Dimension

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



4FBCE8



36C5FF



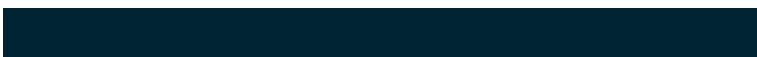
4F70E8



676F73



007FB3



002433



# Inverse Universe

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



E84FBC



FF36C5



E8C74F



73676F



B3007F

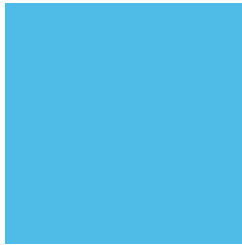


330024



# Previews

## White Background



This preview shows how the Hex color 4FBCE8 looks on a white background.

## Color Contrast Check

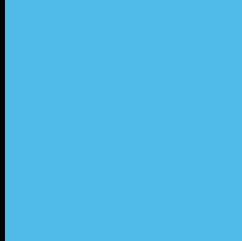
Large Text (above 18pt) WCAG AA × Fail

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 4FBCE8 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 4FBCE8 Background



This preview shows how black text looks on a background with the Hex color 4FBCE8.

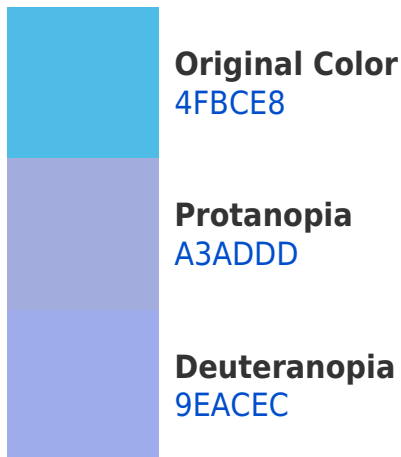


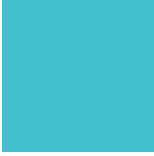
This preview shows how white text looks on a background with the Hex color 4FBCE8.

# 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](#).

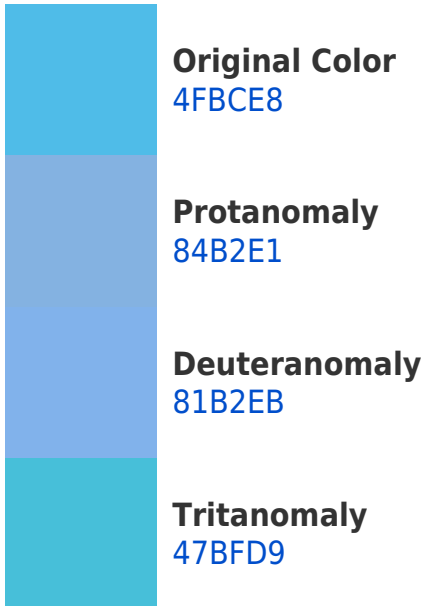
## Dichromacy





**Tritanopia**  
42C0D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FBCE8 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 #4FBCE8 looks like.

```
.text, #text, p{  
    color:#4FBCE8  
}
```

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 #4FBCE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FBCE8  
}
```

## Border

The CSS property to change the border of an element to Hex 4FBCE8 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  
#4FBCE8 }
```

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

```
.border{ border-color:#4FBCE8 }
```

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

Here you see how a box with a 4 pixel #4FBCE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FBCE8; -webkit-box-shadow:4px 4px  
4px 4px #4FBCE8; box-shadow:4px 4px 4px  
4px #4FBCE8 }
```

# Background

The CSS property to change the background color of an element to Hex 4FBCE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FBCE8 }
```

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

```
.background{ background-color:#4FBCE8 }
```

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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