

# Converting Colors

Hex(4CAAFD)

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

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# **Color**

**Hex(4CAAFD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CAAFD
RGB	76, 170, 253
RGB Percent	30%, 67%, 99%
CMY	0.7020, 0.3333, 0.0078
CMYK	0.70, 0.33, 0.00, 0.01
HSL	208°, 98%, 65%
HSV	208°, 70%, 99%
XYZ	35.0848, 37.3778, 98.2940
YIQ	151.3560, -82.6670, 5.8850

# Conversions

## Conversions Part 2

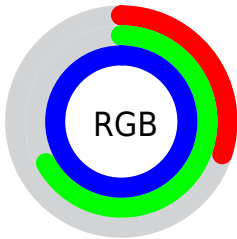
Format	Color
<a href="#">RYB</a>	<a href="#">76, 137, 253</a>
Decimal	<a href="#">5024509</a>
CIELab	<a href="#">67.56, -1.50, -49.23</a>
CIELCh	<a href="#">68, 49.249, 268.256</a>
Yxy	<a href="#">37.3778, 0.2055, 0.2189</a>
Android (android.graphics.Color)	<a href="#">4283214589 (0xFF4CAA FD)</a>
YUV	<a href="#">151.3560, 50.1105, -66.0872</a>
Hunter-Lab	<a href="#">61.1374, -4.5548, -52.5277</a>

# Details

The Hex color **4CAA**FD is a light color, and the websafe version is hex **0099**FF. The color can be described as light washed azure. A complement of this color would be **FD9F**4C, and the grayscale version is **9797**97.

A 20% lighter version of the original color is **8FE1**FF, and **0076**C4 is the 20% darker color. If you saturate the color by 10%, you get **339E**FD, and if you desaturate by 10%, it is **65B6**FD.

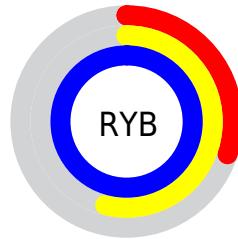
# Distribution



Red (30%)

Green (67%)

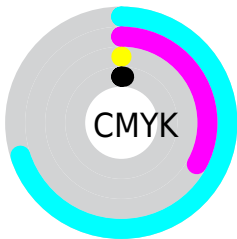
Blue (99%)



Red (30%)

Yellow (54%)

Blue (99%)

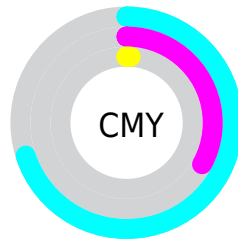


Cyan (70%)

Magenta (33%)

Yellow (0%)

Black (1%)



Cyan (70%)

Magenta (33%)

Yellow (1%)

# Brightness & Saturation Gradients

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



 4CAAFD

 4CAAFD

FFFFFF

 1D90E0

 8FE1FF

 0076C4

 AEFEFF

 005EA8

 CDFFFF

 00478D

 ECFFFF

 003173

 001D5A

 000742

 00032B

 000116

■ 4CAA FD

■ 4CAA FD

■ 339E FD

■ 65B6 FD

■ 1992 FD

■ 7FC2 FD

■ 0086 FD

■ 98CE FD

■ B1D9 FD

■ CBE5 FD

■ E4F1 FD

■ FDFD FD

FFFD

# Harmonies

## Analogous

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



00B5EF



4CAAFD



A39AF3

# Triad

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



4CAAFD



F6837D



5CB774

# Complementary

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



4CAAFD



FD9F4C

# 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.



94AE53



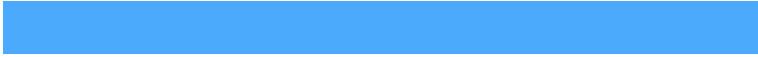
4CAAFD



E3915A

# Square

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



4CAAFD



F47FA9



C1A149



00BBA0

# Rectangle

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



4CAAFD



CA8EE0



C1A149



71B567

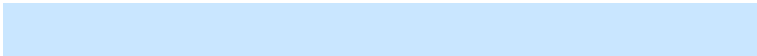


# Sweetspot

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



4CAAFD



C9E6FF



4CFD9F



607180



000000



808080



# Same Dimension

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



4CAAFD



299BFF



4C52FD



737A80



0066BF



002240



# Inverse Universe

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



FD4CAA



FF299B



FDF74C



80737A



BF0066

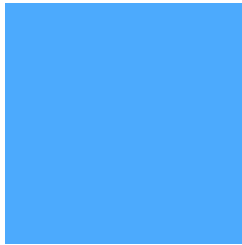


400022



# Previews

## White Background



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

## Color Contrast Check

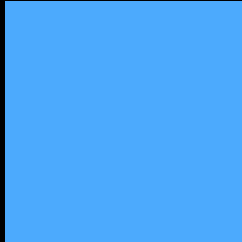
Large Text (above 18pt) WCAG AA × Fail

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 4CAAFD 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

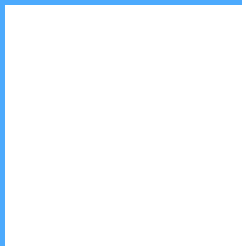
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4CAAFD Background



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

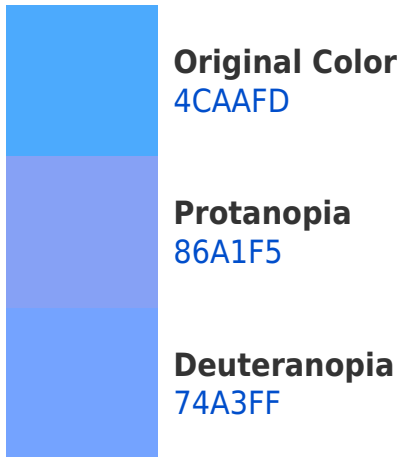


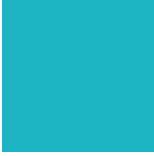
This preview shows how white text looks on a background with the Hex color 4CAAFD.

# 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](#).

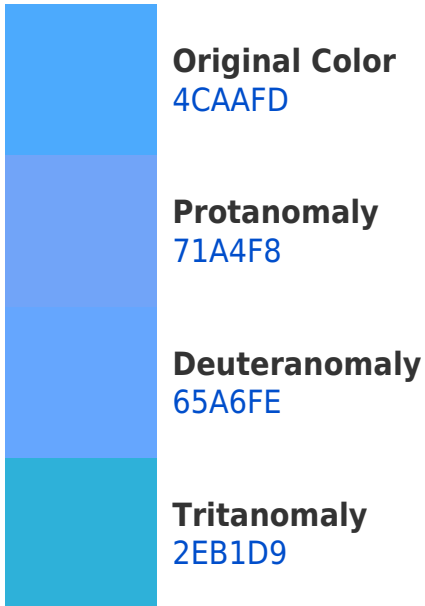
## Dichromacy



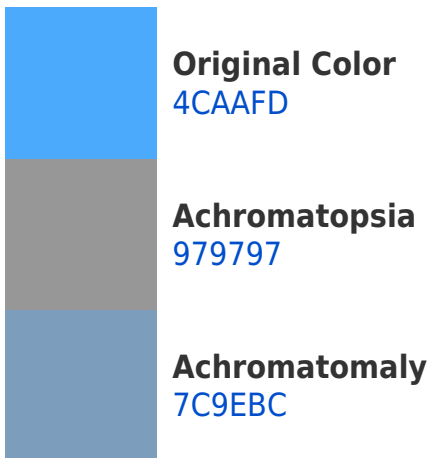


**Tritanopia**  
1DB5C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #4CAAFD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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