

# Converting Colors

Hex(4CCBFA)

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

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# **Color**

**Hex(4CCBFA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CCBFA
RGB	76, 203, 250
RGB Percent	30%, 80%, 98%
CMY	0.7020, 0.2039, 0.0196
CMYK	0.70, 0.19, 0.00, 0.02
HSL	196°, 95%, 64%
HSV	196°, 70%, 98%
XYZ	41.5917, 51.1505, 98.1234
YIQ	170.3850, -90.7790, -12.3070

# Conversions

## Conversions Part 2

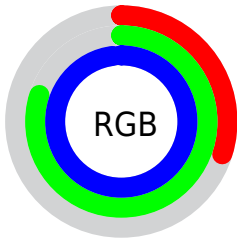
Format	Color
<a href="#">RYB</a>	<a href="#">76, 149, 250</a>
Decimal	<a href="#">5032954</a>
CIELab	<a href="#">76.77, -20.27, -33.23</a>
CIELCh	<a href="#">77, 38.928, 238.619</a>
Yxy	<a href="#">51.1505, 0.2179, 0.2680</a>
Android (android.graphics.Color)	<a href="#">4283223034 (0xFF4CCBFA)</a>
YUV	<a href="#">170.3850, 39.2502, -82.7756</a>
Hunter-Lab	<a href="#">71.5196, -21.3537, -31.2810</a>

# Details

The Hex color **4CCBFA** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FA7B4C**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **90FFFF**, and **0095C1** is the 20% darker color. If you saturate the color by 10%, you get **33C4FA**, and if you desaturate by 10%, it is **65D2FA**.

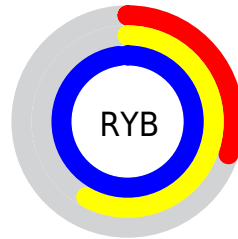
# Distribution



Red (30%)

Green (80%)

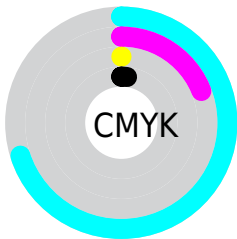
Blue (98%)



Red (30%)

Yellow (58%)

Blue (98%)

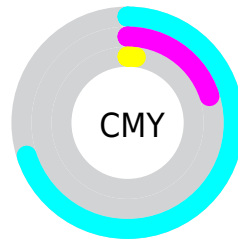


Cyan (70%)

Magenta (19%)

Yellow (0%)

Black (2%)



Cyan (70%)

Magenta (20%)

Yellow (2%)

# Brightness & Saturation Gradients

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



 4CCBFA

FFFFFF

 90FFFF

 AFFFFFF

 CEFFFF

 EDFFFF

 4CCBFA

 1BB0DD

 0095C1

 007BA6

 00628C

 004A72

 003359

 002041

 00032B

 000115

■ 4CCBFA

■ 4CCBFA

■ 33C4FA

■ 65D2FA

■ 1ABDFA

■ 7ED9FA

■ 01B7FA

■ 97DFFA

■ 00B6FA

■ B0E6FA

■ C9EDFA

■ E2F4FA

■ FBFAFA

■ FFFFFA

# Harmonies

## Analogous

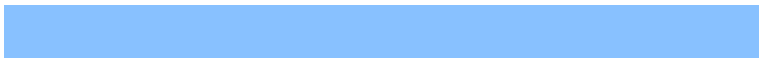
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



32D0DF



4CCBFA



88C1FF

# Triad

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



4CCBFA



FFA2C1



B2C67D

# Complementary

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



4CCBFA



FA7B4C

# 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.



D7BB75



4CCBFA



FFA49D

# Square

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



4CCBFA



E9A8E4



F4AE81



87CD97

# Rectangle

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



4CCBFA



AEB9FF



F4AE81



BFC278

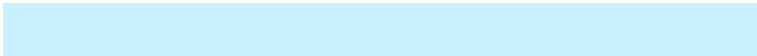


# Sweetspot

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



4CCBFA



C9F1FF



4CFA7A



607780



000000



808080

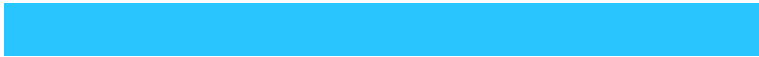


# Same Dimension

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



4CCBFA



29C5FF



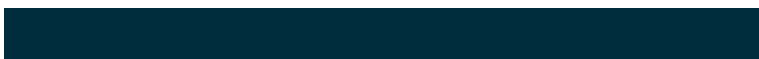
4C75FA



707A7D



008ABD



002D3D



# Inverse Universe

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



FA4CCB



FF29C5



FAD14C



7D707A



BD008A

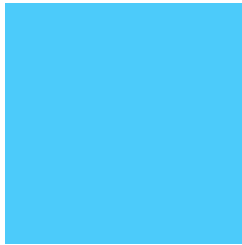


3D002D



# Previews

## White Background



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

## Color Contrast Check

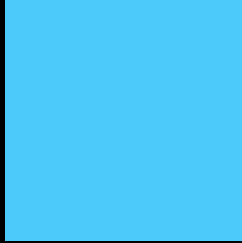
Large Text (above 18pt) WCAG AA × Fail

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 4CCBFA 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

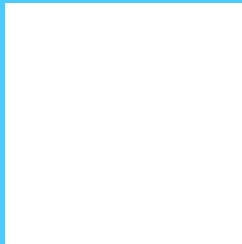
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4CCBFA Background



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

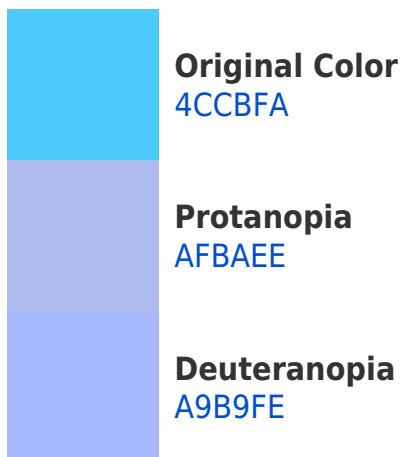


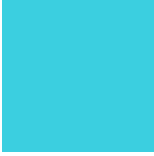
This preview shows how white text looks on a background with the Hex color 4CCBFA.

# 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](#).

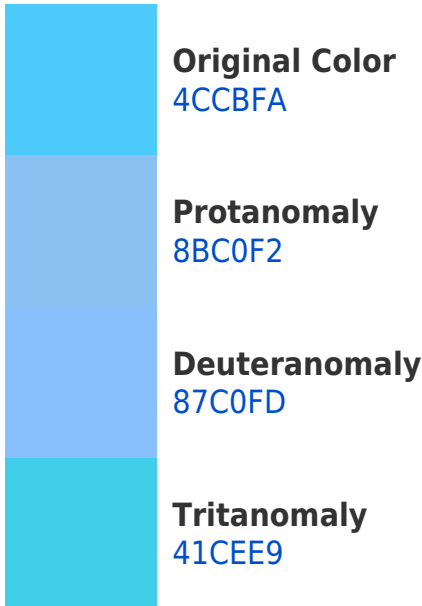
## Dichromacy



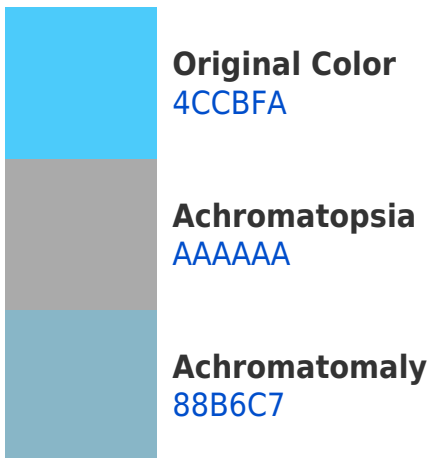


**Tritanopia**  
3BCFE0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #4CCBFA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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