

Converting Colors

Hex(4CBBFF)

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

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Color

Hex(4CBBFF)

Conversions

Conversions Part 1

Format	Color
Hex	4CBBFF
RGB	76, 187, 255
RGB Percent	30%, 73%, 100%
CMY	0.7020, 0.2667, 0.0000
CMYK	0.70, 0.27, 0.00, 0.00
HSL	203°, 100%, 65%
HSV	203°, 70%, 100%
XYZ	38.8008, 44.2971, 101.1129
YIQ	161.5630, -87.9840, -2.3840

Conversions

Conversions Part 2

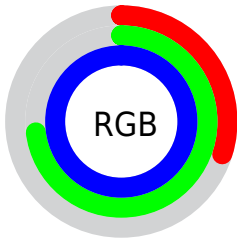
Format	Color
RYB	76, 145, 255
Decimal	5028863
CIELab	72.43, -10.24, -42.66
CIELCh	72, 43.876, 256.507
Yxy	44.2971, 0.2106, 0.2405
Android (android.graphics.Color)	4283218943 (0xFF4CBBFF)
YUV	161.5630, 46.0644, -75.0388
Hunter-Lab	66.5561, -12.4114, -43.4849

Details

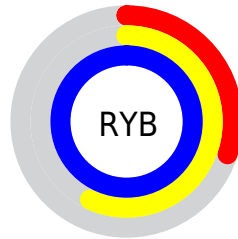
The Hex color **4CBBFF** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **FF904C**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **90F3FF**, and **0086C6** is the 20% darker color. If you saturate the color by 10%, you get **33B1FF**, and if you desaturate by 10%, it is **66C5FF**.

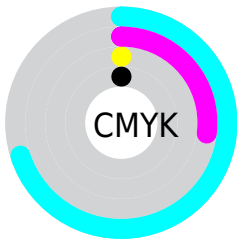
Distribution



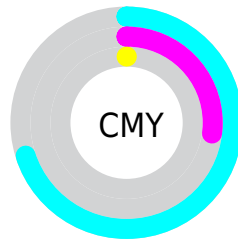
- Red (30%)
- Green (73%)
- Blue (100%)



- Red (30%)
- Yellow (57%)
- Blue (100%)



- Cyan (70%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 4CBBFF

 4CBBFF

FFFFFF

 1BA0E2

 90F3FF

 0086C6

 AFFFFFF

 006DAA

 CEFFFF

 005590

 EDFFFF

 003E76

 00285D

 001545

 00032E

 000118

 4CBBFF

 4CBBFF

 33B1FF

 66C5FF

 19A8FF

 7FCEFF

 009EFF

 99D8FF

 B2E2FF

 CCEBFF

 E5F5FF

FFFFFF

Harmonies

Analogous

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



00C3EB



4CBBF



9AAEFE

Triad

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



4CBBFF



FF929D



88C079

Complementary

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



4CBBFF



FF904C

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.



B5B663



4CBBFF



F59B79

Square

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



4CBBFF



F494C5



DBA963



50C59E

Rectangle

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



4CBBFF



C1A4F2



DBA963



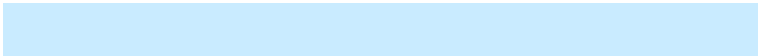
98BD6F

Sweetspot

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



4CBFF



C9EBFF



4CFF8E



607380



000000



808080

Same Dimension

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



4CBBFF



29AEFF



4C64FF



737B80



0077BF



002840

Inverse Universe

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



FF4CBB



FF29AE



FFE74C



80737B



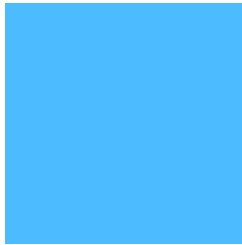
BF0077



400028

Previews

White Background



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

Color Contrast Check

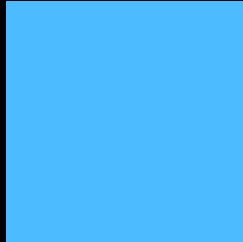
Large Text (above 18pt) WCAG AA × Fail

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 4CBFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

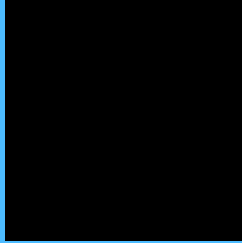
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

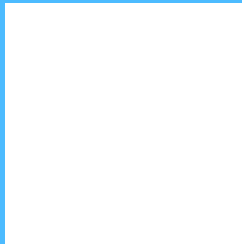
Any Text WCAG AAA ✓ Pass

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

Hex 4CBBFF Background



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

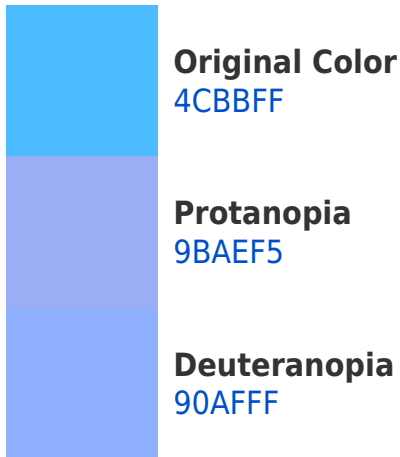


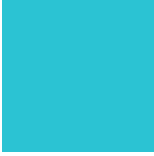
This preview shows how white text looks on a background with the Hex color 4CBBFF.

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



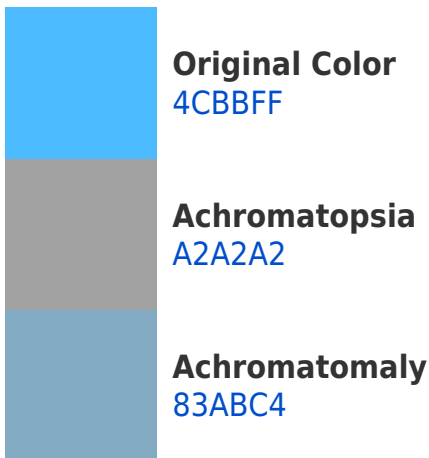


Tritanopia
2BC3D3

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #4CBBFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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