

Converting Colors

Hex(4FBAFF)

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

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Color

Hex(4FBAFF)

Conversions

Conversions Part 1

Format	Color
Hex	4FBAFF
RGB	79, 186, 255
RGB Percent	31%, 73%, 100%
CMY	0.6902, 0.2706, 0.0000
CMYK	0.69, 0.27, 0.00, 0.00
HSL	204°, 100%, 65%
HSV	204°, 69%, 100%
XYZ	38.8334, 44.0001, 101.0539
YIQ	161.8730, -85.9210, -1.2250

Conversions

Conversions Part 2

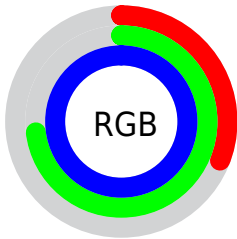
Format	Color
R _Y B	79, 146, 255
Decimal	5225215
CIE Lab	72.23, -9.28, -42.97
CIE LCh	72, 43.959, 257.813
Yxy	44.0001, 0.2112, 0.2393
Android (android.graphics.Color)	4283415295 (0xFF4FBAFF)
YUV	161.8730, 45.9116, -72.6796
Hunter-Lab	66.3326, -11.5819, -43.8922

Details

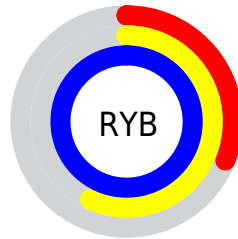
The Hex color **4FBAFF** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **FF944F**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **92F2FF**, and **0085C6** is the 20% darker color. If you saturate the color by 10%, you get **36B0FF**, and if you desaturate by 10%, it is **69C4FF**.

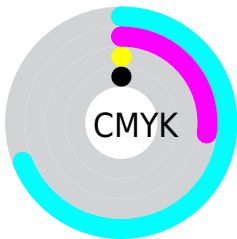
Distribution



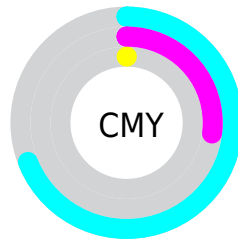
- Red (31%)
- Green (73%)
- Blue (100%)



- Red (31%)
- Yellow (57%)
- Blue (100%)



- Cyan (69%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 4FB AFF

 4FB AFF

FFFFFF

 229FE2

 92F2FF

 0085C6

 B1FFFF

 006CAA

 D0FFFF

 005490

 EFFFFFF

 003D76

 00285D

 001445

 00032E

 000118

 4FB0FF

 4FB0FF

 36B0FF


 69C4FF

 1CA6FF

 82CEFF

 039CFF

 9CD8FF

 009BFF

 B5E2FF

 CFECFF

 E8F6FF

FFFFFF

Harmonies

Analogous

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



00C3EC



4FB8FF



9CADFD

Triad

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



4FBAFF



FF929B



85C07A

Complementary

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



4FBAFF



FF944F

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.



B3B663



4FBAFF



F49B77

Square

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



4FBAFF



F493C3



D9A962



4CC59F

Rectangle

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



4FBAFF



C3A3F1



D9A962



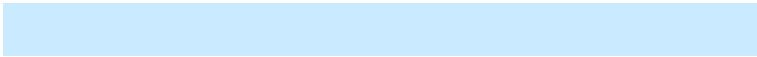
95BD70

Sweetspot

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



4FBAFF



C9EAFF



4FFF92



607380



000000



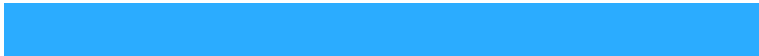
808080

Same Dimension

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



4FBAFF



2BACFF



4F64FF



737B80



0074BF



002740

Inverse Universe

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



FF4FBA



FF2BAC



FFEA4F



80737B



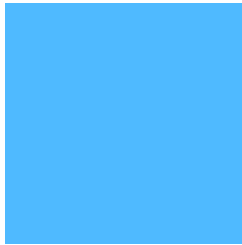
BF0074



400027

Previews

White Background



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

Color Contrast Check

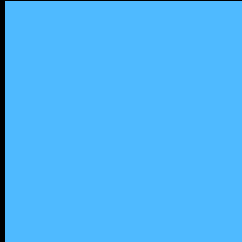
Large Text (above 18pt) WCAG AA × Fail

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 4FBAFF 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

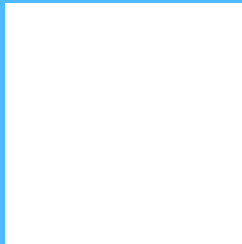
Any Text WCAG AAA ✓ Pass

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

Hex 4FBAFF Background



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

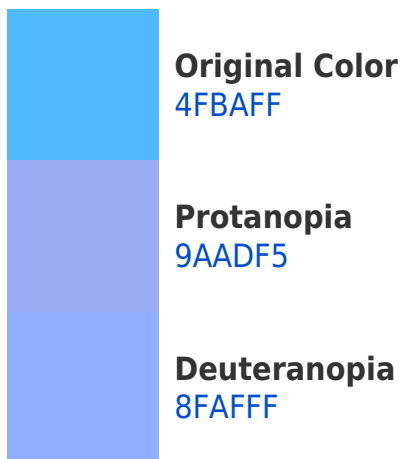


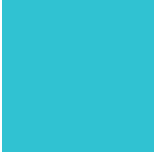
This preview shows how white text looks on a background with the Hex color 4FBAFF.

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



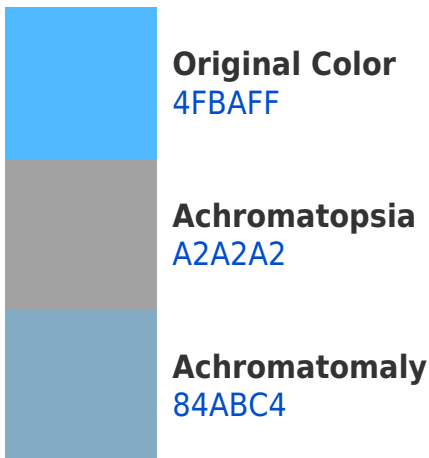


Tritanopia
30C2D2

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #4FBAFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

The CSS property to change the background color of an element to Hex 4FB8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FB8FF }
```

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

```
.background{ background-color:#4FB8FF }
```

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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