

Converting Colors

Hex(4B83FF)

Have a look what the booklet for
Hex(4B83FF) contains.

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Color

Hex(4B83FF)

Conversions

Conversions Part 1

Format	Color
Hex	4B83FF
RGB	75, 131, 255
RGB Percent	29%, 51%, 100%
CMY	0.7059, 0.4863, 0.0000
CMYK	0.71, 0.49, 0.00, 0.00
HSL	221°, 100%, 65%
HSV	221°, 71%, 100%
XYZ	29.0679, 24.9485, 97.8912
YIQ	128.3920, -73.1800, 26.6920

Conversions

Conversions Part 2

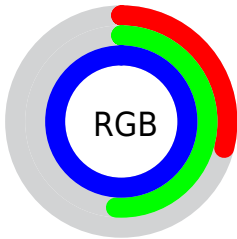
Format	Color
R _Y B	75, 118, 255
Decimal	4948991
CIE Lab	57.03, 22.11, -67.12
CIE LCh	57, 70.671, 288.228
Yxy	24.9485, 0.1914, 0.1642
Android (android.graphics.Color)	4283139071 (0xFF4B83FF)
YUV	128.3920, 62.4177, -46.8248
Hunter-Lab	49.9484, 16.4700, -81.2354

Details

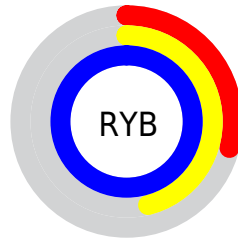
The Hex color **4B83FF** is a light color, and the websafe version is hex **3366CC**. The color can be described as light washed azure. A complement of this color would be **FFC74B**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **8FB7FF**, and **0053C5** is the 20% darker color. If you saturate the color by 10%, you get **3271FF**, and if you desaturate by 10%, it is **6595FF**.

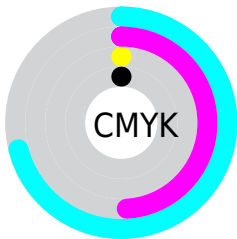
Distribution



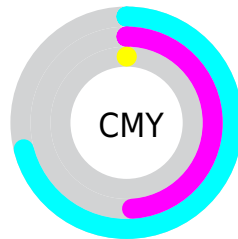
- Red (29%)
- Green (51%)
- Blue (100%)



- Red (29%)
- Yellow (46%)
- Blue (100%)



- Cyan (71%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B83FF 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 4B83FF by changing the saturation by 10% instead.

 4B83FF

 4B83FF

FFFFFF

 196AE2

 8FB7FF

 0053C5

 AED3FF

 003CA9

 CDEFFF

 00288E

 ECFFFF

 001774

 00065B

 000742

 00032B

 000115

 4B83FF

 4B83FF

 3271FF

 6595FF

 1860FF

 7EA6FF

 004FFF

 98B8FF

 B1C9FF

 CBDBFF

 E4ECFF

FEFEFF

FFFFFF

Harmonies

Analogous

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



0097FF



4B83FF



B966DC

Triad

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



4B83FF



E2622C



00A36E

Complementary

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



4B83FF



FFC74B

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.



2D9D2E



4B83FF



B97D00

Square

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



4B83FF



F54866



819100



00A5AE

Rectangle

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



4B83FF



DE51B8



819100



00A258

Sweetspot

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



4B83FF



C9DAFF



4BFFC6



606A80



000000



808080

Same Dimension

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



4B83FF



266AFF



6C4BFF



737780



003BBF



001440

Inverse Universe

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



FF4B83



FF266A



DEFF4B



807377



BF003B



400014

Previews

White Background



This preview shows how the Hex color 4B83FF looks on a white background.

Color Contrast Check

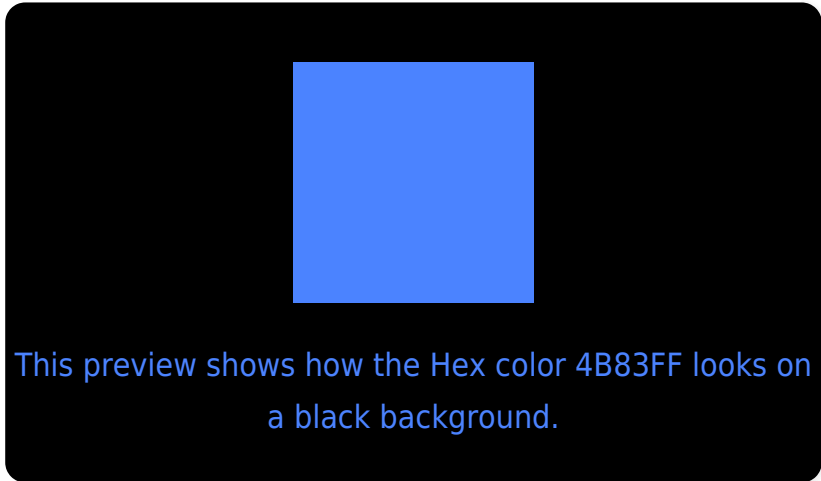
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

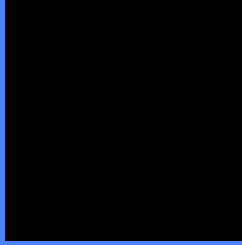
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

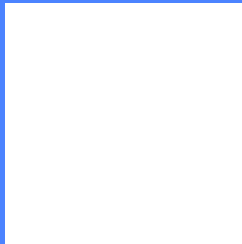
Any Text WCAG AAA × Fail

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

Hex 4B83FF Background



This preview shows how black text looks on a background with the Hex color 4B83FF.



This preview shows how white text looks on a background with the Hex color 4B83FF.

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](#).

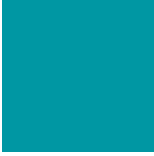
Dichromacy



Original Color
4B83FF

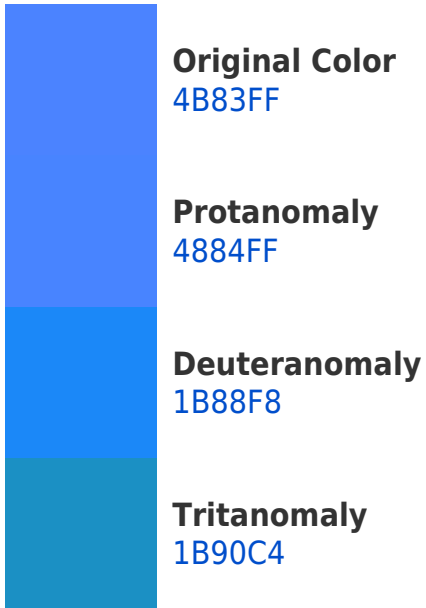
Protanopia
4684FF

Deuteranopia
008BF4

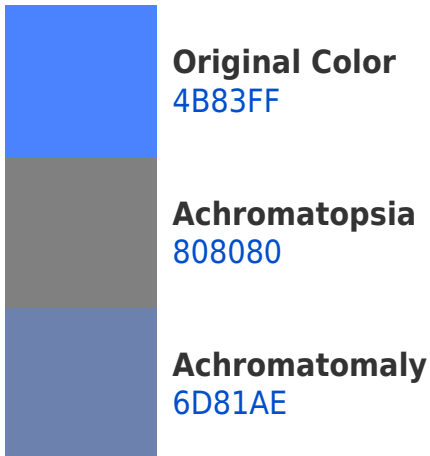


Tritanopia
0097A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B83FF 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 #4B83FF looks like.

```
.text, #text, p{  
    color:#4B83FF  
}
```

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 #4B83FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B83FF
}
```

Border

The CSS property to change the border of an element to Hex 4B83FF 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
#4B83FF }
```

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

```
.border{ border-color:#4B83FF }
```

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

Here you see how a box with a 4 pixel #4B83FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B83FF; -webkit-box-shadow:4px 4px  
4px 4px #4B83FF; box-shadow:4px 4px 4px  
4px #4B83FF }
```

Background

The CSS property to change the background color of an element to Hex 4B83FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B83FF }
```

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

```
.background{ background-color:#4B83FF }
```

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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