

# Converting Colors

Hex(4C81FF)

Have a look what the booklet for  
Hex(4C81FF) contains.

<b>Hex(4C81FF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(4C81FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C81FF
RGB	76, 129, 255
RGB Percent	30%, 51%, 100%
CMY	0.7020, 0.4941, 0.0000
CMYK	0.70, 0.49, 0.00, 0.00
HSL	222°, 100%, 65%
HSV	222°, 70%, 100%
XYZ	28.8807, 24.4570, 97.8062
YIQ	127.5170, -72.0340, 27.9500

# Conversions

## Conversions Part 2

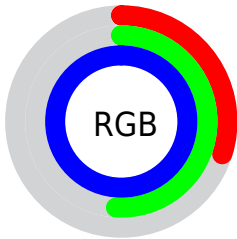
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 117, 255
Decimal	5014015
CIE <sub>Lab</sub>	56.54, 23.46, -67.90
CIE <sub>LCh</sub>	57, 71.840, 289.062
Yxy	24.4570, 0.1911, 0.1618
Android (android.graphics.Color)	4283204095 (0xFF4C81FF)
YUV	127.5170, 62.8491, -45.1804
Hunter-Lab	49.4540, 17.6980, -82.6412

# Details

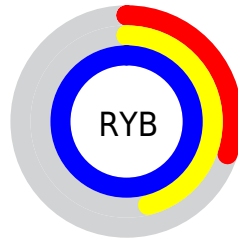
The Hex color **4C81FF** is a light color, and the websafe version is hex **3366CC**. The color can be described as light washed azure. A complement of this color would be **FFCA4C**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **90B5FF**, and **0051C5** is the 20% darker color. If you saturate the color by 10%, you get **336FFF**, and if you desaturate by 10%, it is **6693FF**.

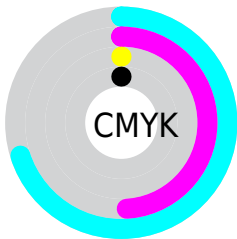
# Distribution



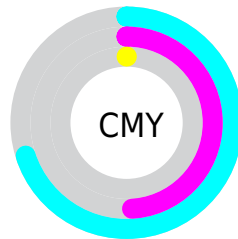
- Red (30%)
- Green (51%)
- Blue (100%)



- Red (30%)
- Yellow (46%)
- Blue (100%)



- Cyan (70%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (49%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C81FF 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 4C81FF by changing the saturation by 10% instead.



 4C81FF

 4C81FF

FFFFFF

 1B68E2

 90B5FF

 0051C5

 AFD1FF

 003BA9

 CEEDFF

 00278E

 EDFFFF

 001574

 00075A

 000742

 00032B

 000115

■ 4C81FF

■ 4C81FF

■ 336FFF

■ 6693FF

■ 195DFF

■ 7FA5FF

■ 004CFF

■ 99B7FF

■ B2C9FF

■ CCDBFF

■ E5EDFF

FFFFFF

# Harmonies

## Analogous

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



0096FF



4C81FF



BB63DB

# Triad

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



4C81FF



E06028



00A26E

# Complementary

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



4C81FF



FFCA4C

# 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.



239C2C



4C81FF



B67D00

# Square

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



4C81FF



F54463



7E9100



00A4AF

# Rectangle

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



4C81FF



DF4DB6



7E9100



00A158



# Sweetspot

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



4C81FF



C9D9FF



4CFFC9



606980



000000



808080



# Same Dimension

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



4C81FF



2968FF



704CFF



737780



0039BF



001340



# Inverse Universe

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



FF4C81



FF2968



DBFF4C



807377



BF0039



400013



# Previews

## White Background



This preview shows how the Hex color 4C81FF looks on a white background.

## Color Contrast Check

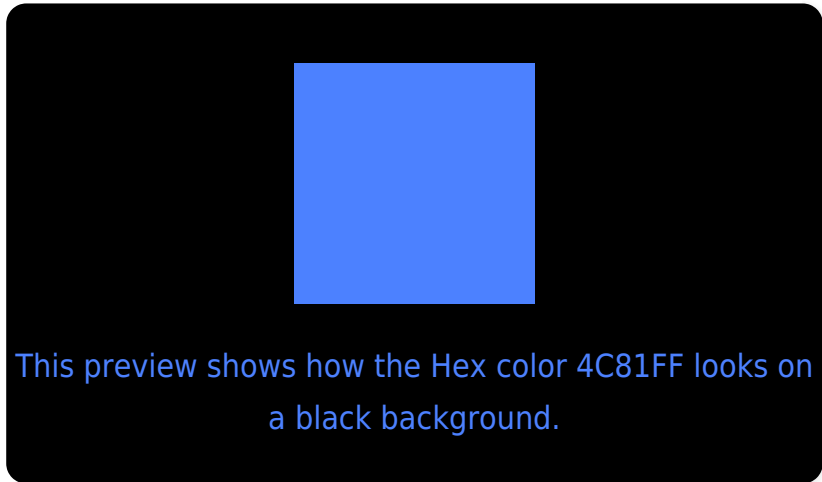
Large Text (above 18pt) WCAG AA ✓ Pass

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

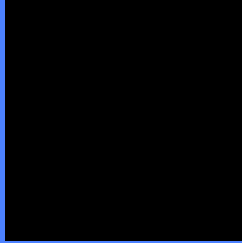
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

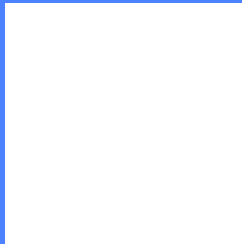
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4C81FF Background



This preview shows how black text looks on a background with the Hex color 4C81FF.



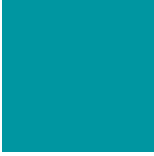
This preview shows how white text looks on a background with the Hex color 4C81FF.

# 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](#).

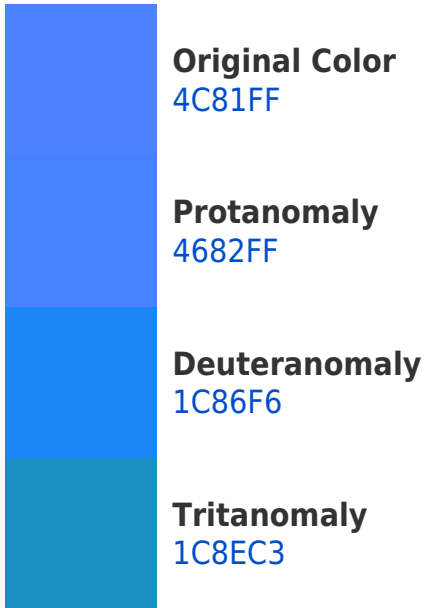
## Dichromacy



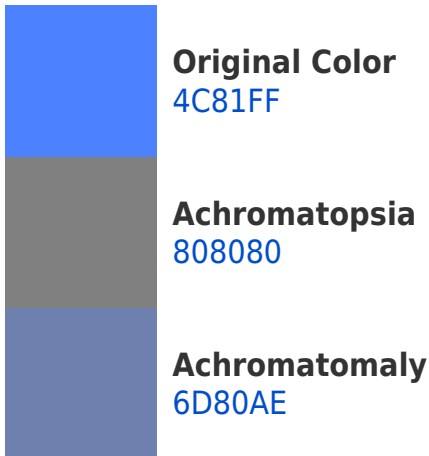


**Tritanopia**  
0096A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C81FF 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 #4C81FF looks like.

```
.text, #text, p{  
    color:#4C81FF  
}
```

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 #4C81FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C81FF
}
```

## Border

The CSS property to change the border of an element to Hex 4C81FF 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
#4C81FF }
```

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

```
.border{ border-color:#4C81FF }
```

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

Here you see how a box with a 4 pixel #4C81FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C81FF; -webkit-box-shadow:4px 4px  
4px 4px #4C81FF; box-shadow:4px 4px 4px  
4px #4C81FF }
```

# Background

The CSS property to change the background color of an element to Hex 4C81FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C81FF }
```

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

```
.background{ background-color:#4C81FF }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor